

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORTS

DATE RECEIVED  
DEC 20 1996

**CYPRUS CANADA INC.**

**AXELGOLD PROJECT  
REPORT ON THE 1996 EXPLORATION PROGRAM  
AXD 1-6, AXEL 1-4,  
AX 952-953, AX 963-969, AX 9610-9614  
NTS: 93N/13 W  
LAT. 55°58' N, LONG. 125°58' W  
Omineca Mining Division,  
BRITISH COLUMBIA**

**SUB-RECORDER  
RECEIVED**

**DEC 4 - 1996**

**M.R. # ..... \$ .....  
VANCOUVER, B.C.**

**Claims owned by:**

**Lorne B. Warren**

**Operator:**

**Cyprus Canada Inc.**

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORTS**

**November, 1996  
Vancouver, B. C.**

**24,728**  
**X.D. Jiang  
T.D. Hurley**

## **SUMMARY**

A trenching and surface bedrock sampling program was carried out on the Axelgold property during July-August, 1996.

The property and surrounding area are underlain by a complex fault zone which subparallels the regional Pinchi Fault. Older paleozoic Cache Creek Group including mainly limestone, phyllite and minor ultramafic rocks, and Triassic Takla Group clastic sediments are intruded by a Cretaceous (?) pyritic alkalic complex. Previous exploration work indicated that the alkalic system was gold bearing. The 1996 trenching program was designed to expose mineralization underlying a broad soil geochemical anomaly previously delineated on the property.

Disappointing results from the trenching and surface sampling program did not encourage further involvement by Cyprus. On October 31, 1996, Cyprus assigned its interest in the property to Rubicon Minerals Corporation.

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## 1.0 INTRODUCTION

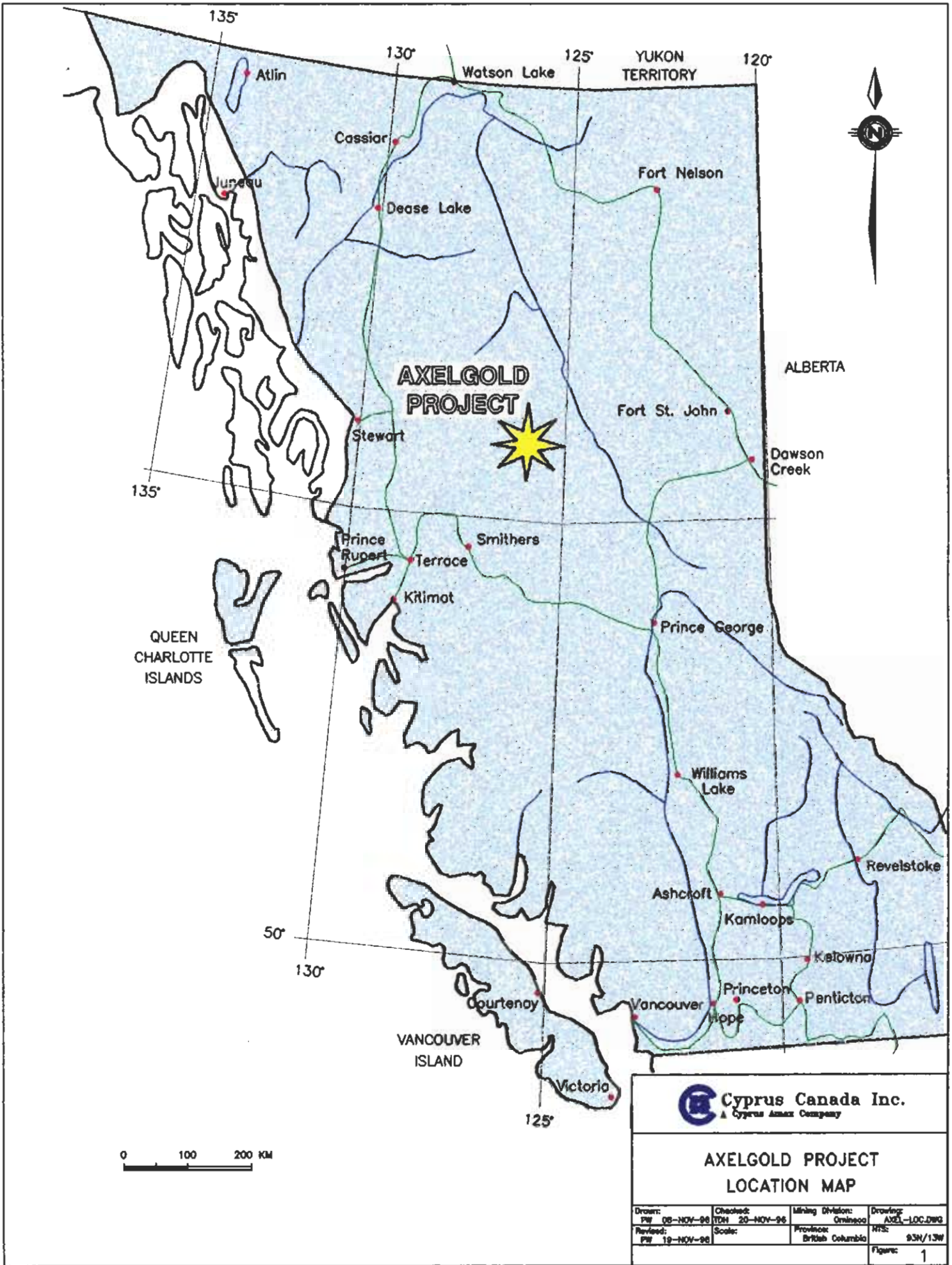
### 1.1 Location and Access

The Axelgold property occurs in the middle of Axelgold Range, at longitude 125°58' west and latitude 55°58' north, about 150 km northeast of Smithers in central B.C (Figure 1). The closest village to the property is Takla Landing 55 km to the south. A well conditioned logging road to Ogden Lake lies about 20 km southeast. Access to the property is by helicopter only.

### 1.2 Claims and Ownership

The Axelgold property consists of 24 claims (74 units) totalling 1,600 hectares (3,954 acres; Figure 2). The claims are 100% owned by Lorne B. Warren of Smithers, B. C. Cyprus Canada Inc. entered an agreement with Lorne Warren on January 1, 1996 whereby Cyprus could earn 100% interest through property payments totalling \$90,000 and work commitments totalling \$365,000 over four years. On October 31, 1996 Cyprus assigned its interest in the agreement to Rubicon Minerals Corporation. Table 1 contains the mineral claims to which assessment work credit has been applied.

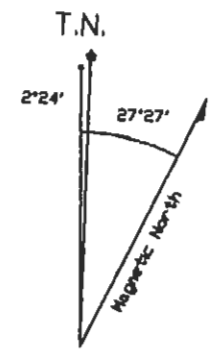
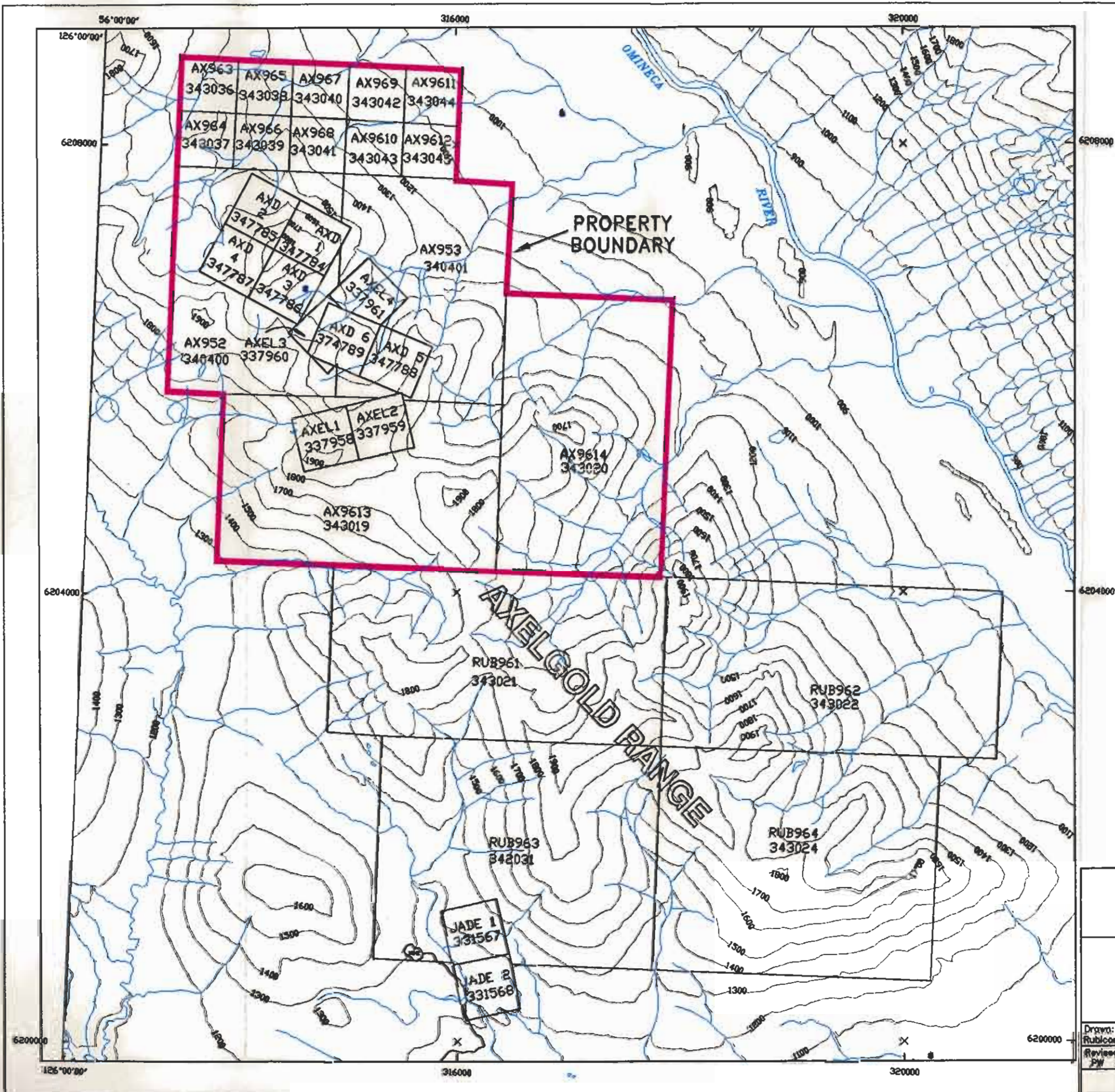
TABLE I		
CLAIM STATUS		
Mineral Claim	Tenure Number	Expiry Date After Assessment Credit
AXD 1	347784	07/11/2003
AXD 2	347785	07/11/2003
AXD 3	347786	07/11/2003
AXD 4	347787	07/11/2003
AXD 5	347788	07/11/2003
AXD 6	374789	07/11/2003
AXEL 1	337958	07/17/2003
AXEL 2	337959	07/17/2003
AXEL 3	337960	07/17/2003
AXEL 4	337961	07/17/2003




**Cyprus Canada Inc.**  
 A Cyprus Ammax Company

**AXELGOLD PROJECT  
 LOCATION MAP**

Drawn: PW 08-NOV-98	Checked: TDH 20-NOV-98	Mining Division: Omineca	Drawing: AXEL-LOC.DWG
Revised: PW 19-NOV-98	Scale:	Province: British Columbia	NRS: 93N/13W
			Figure: 1



**Cyprus Canada Inc.**  
 A Cyprus Amax Company

**AXELGOLD PROPERTY  
 CLAIM MAP**

Drawn: Rubicon 12/10/95	Checked: JXD 22-NOV-96	Mining Division: Omineca	Drawing: AXEL-CLM.DWG
Revised: PW 22-NOV-96	Scale: Approx. 1:50,000	Province: British Columbia	MTS: 93N/13W
			Figure: 2

Mineral Claim	Tenure Number	Expiry Date After Assessment Credit
AX 952	340400	09/23/2003
AX 953	340401	09/23/2003
AX 963	343036	01/14/2003
AX 964	343037	01/14/2003
AX 965	343038	01/14/2003
AX 966	343039	01/14/2003
AX 967	343040	01/14/2003
AX 968	343041	01/14/2003
AX 969	343042	01/14/2003
AX 9610	343043	01/14/2003
AX 9611	343044	01/14/2003
AX 9612	343045	01/14/2003
AX 9613	343019	01/14/2003
AX 9614	343020	01/14/2003

### 1.3 Previous Work

- 1984** Equinox Resources conducted regional prospecting mapping and silt, soil and rock sampling (143 samples).
- 1985** Imperial Metals in joint venture with Equinox conducted detailed soil sampling over Gossan Hill (298 samples).
- 1986** Imperial Metals conducted extensive soil sampling (2247 samples) and rock (176) sampling. Geological mapping was done at 1:12,500 scale with selected areas mapped at 1:2000 scale. Five major soil anomalies were identified with many samples assayed higher than 500 ppb Au and maximum high of 9050 ppb Au.
- 1987** Imperial Metals drilled eight diamond holes totalling 737.5 metres. Six holes were drilled on the AU-Grid and two holes drilled on the GAB-Grid. The drilling seemed to be based on both soil geochemical and geophysical surveys (VLF and IP). The best drill intersections were from three holes drilled into the alkalic intrusives. Hole AX87-3 intersected 7.3 metres of pyritic syenite porphyry with greater than 5% carbonate-fluorite-quartz thin veinlets mineralized with trace



steel grey chalcocite (possibly tetrahedrite?). The gold values averaged 2496 ppb in this interval.

Hole AX87-5 intersected anomalous Au values (176 ppb Au) throughout the hole (98.1m) including 36.6 m averaging 352 ppb Au and 9.2 m averaging 621 ppb Au. The mineralization occurs mainly as thin carbonate-fluorite-quartz veinlets in porphyritic syenite containing trace chalcocite and locally galena and/or sphalerite and stibnite. The best mineralization was found in thin massive pyrite bands with gold values up to 2030 ppb Au.

Hole AX87-6 was drilled in massive grey syenite porphyry. Seven thin pyrite seams from 1 to 10 cm thick were found to contain gold higher than 1.0 g/t Au. The best assay is 8950 ppb Au from a 30 cm interval with wispy massive py stringers.

**1995** Rubicon Minerals collected 1 soil, 9 rock grab and 10 core samples during an initial property examination. Follow-up included collecting 21 chip samples on the key area of the property and 146 drill core samples from Imperial Metals drilling. Anomalous gold values were duplicated from previous work.

#### **1.4 1996 Exploration Program**

The 1996 exploration program on the Axelgold property included trenching, sampling and geological mapping during a four week field period. In total, 361 linear trenching metres were completed and 310 samples collected including 280 rock, 14 soil and 16 float samples. The trenching was done utilizing a Kubota KH-41 excavator. The KH-41's relative light weight (~3500lbs) enabled its mobilization in one 205 helicopter load.

The three main trenches (Trench #1, #2 and #3, Map 2) were successful in exposing considerable bedrock. A total of 175 panel type grab/chip samples were collected. Of the thirty-three small test pits dug however, most bottomed in deep overburden. Representative float rock and soil samples were collected from most pits.

A total of 145 surface outcrop samples were collected mainly from the surrounding moderate to steep slopes of the core area of the property. Where possible, sampling consisted of continuous grabs collected at two metre intervals (for example: southeast slope of Gossan Hill; cliff wall near L13S/3+00E; Map 1).

All samples were sent to Chemex Labs in North Vancouver for standard fire assay of 30gm subsamples and atomic absorption finish. A representative number of pulps were sent to Bondar-Clegg in North Vancouver for check analyses.

The field crew consisted of 1 geologist, 1 geotechnician and 1 excavator operator based on site from July 22 -August 24, 1996 (Appendix II). A replacement excavator operator was brought in on August 16 to complete the trenching and reclamation work. All trenches and pits were backfilled and seeded. Program expenditures are detailed in Appendix III.

## **2.0 GEOLOGY**

### **2.1 Regional Geology**

The Axelgold property is located 2.5 km west of the northwest trending Pinchi Fault which separates Cache Creek Terrain to the west and Quesnellia Terrain to the east. A series of northwesterly trending faults and thrusts were mapped on the Axelgold Range. In the west lies the Paleozoic Cache Creek Group of mainly limestones and phillites intruded by minor ultramafic intrusives, which are faulted against the Triassic Takla Group of conglomerates, siltstones, shales and minor thin layers of limestones. These sedimentary rocks are intruded in the east by a leucocratic syenitic intrusive body which containing wide spread disseminated pyrite mineralization giving rise to a large gossanous area where several major gold geochemical anomalies have been found. This intrusive is offset by the Pinchi Fault and lies in fault contact with the Hogem Batholith east of the Omineca River.

## **2.2 Property Geology**

The core area of Axelgold property is underlain by a three kilometre long by several hundred metres wide Cretaceous (?) pyritic, gold bearing alkaline/syenitic intrusive complex. The intrusive was emplaced in the Cache Creek Group and Takla Group in proximity to the major regional Pinchi Fault structure. The Axel intrusive complex is composed of a mega-crystic syenite porphyry flanked by variably altered finer grained syenitic porphyries to feldspar porphyries. Locally, small diabase dikes and felsic dikes were found to cut the Axel intrusion.

The mega-crystic syenite is characterised by containing 30 to 70% 2-5 cm K-feldspar laths and in places exhibits trachytic texture. Generally, the feldspar laths are oriented at 300° to 340° NW and dip sub-vertical to steeply NE. The finer grained syenite porphyry and feldspar porphyry are difficult to differentiate from each other in the field. They are typically altered, silicified and locally sheared. The phenocrysts are from 2-5 mm in size, and sometimes exhibit ghost like outlines due to alteration.

The majority of structures noted in the field range from 280° to 320° and dip northeast. The fault/shear zones at sedimentary - intrusive contacts are generally strongly weathered and locally very rusty. Small bodies of ultramafic intrusive rocks are found to occur near these faulted contacts.

## **3.0 DISCUSSION**

Anomalous gold values were encountered in Trench #1 and Trench #2. In Trench #1 a 24 metre section (from sample #128615 to #128638 - see Appendix IV) assayed continuously greater than 100 ppb Au (average 196 ppb Au) with the highest being 555 ppb Au. Another 17 metre section (from sample #128649 to #128665) averaged 294 ppb Au with the highest being 670 ppb Au. Both sections are in grey, silicified, porphyritic syenite with fine grained disseminated pyrite and minor fracture filling pyrite. In Trench #2 strong pyrite mineralization occurs throughout the mega-crystic syenite.

The best gold values (1.54 g/t and 1.17g/t Au) were found associated with tetrahedrite and malachite veinlets in the vicinity of a small carbonatite dyke. Only weakly anomalous gold values were found in Trench #3, where silicified feldspar porphyry hosts 2-5% disseminated pyrite.

Soil and/or float samples were collected from most of the small test pits which did not reach bedrock. Anomalous gold values occur in the majority of soil samples ranging from ~100-200 ppb Au. Gold in soil samples typically exceeded mineralized float rock suggesting that some secondary enrichment has taken place.

The majority of surface outcrop samples were weakly anomalous in gold with values ranging from 20 ppb to several tens of ppb Au. The best result came from the sampling line on the middle of Gossan Hill where a 15 metre section (from sample #128592 to #128906) averaged 143 ppb Au. Here, mega-crystic syenite hosts 5 - 7% disseminated and fracture filling pyrite.

Other significant results include a 2.79 g/t Au grab sample from an outcrop on BL/11+15S. Several other samples taken in the immediate area were also anomalous with gold values in the several hundred ppb range. This area marks the centre of a large soil anomaly previously defined and drilled by Imperial Metals. The lithology is mainly mega-crystic syenite to porphyritic syenite with 5 to 10% disseminated pyrite and locally trace tetrahedrite, malachite and stibnite (?).

No significant gold values were obtained from sampling of the mafic - ultramafic volcanic rocks southwest of the intrusive complex. The limestones and phyllites in this area were also sampled with no anomalous gold values returned.

#### **4.0 CONCLUSION AND RECOMMENDATIONS**

Previous and current work indicates that the syenite intrusive on Axelgold property is geochemically anomalous in gold. Gold mineralization is concentrated in the central part

porphyritic syenite. Limited sampling along the fault/shear zones to the west of the intrusion and in some shear zones on the east side of the intrusion indicates that gold in these zones is generally lower or has been depleted.

Despite pervasive disseminated pyrite mineralization (up to 10-12%) in the syenite, only sub-economic gold values were obtained. Local higher grade mineralization seems largely associated with the presence of tetrahedrite and stibnite. Both minerals were rarely encountered in the area examined.

The 1996 exploration program tested an area of some 1200 x 800 m. In many areas, the depth of overburden exceed the capacity of the small Kubota excavator. Nevertheless, it is apparent from the results obtained that the Axelgold property does not host a near surface gold deposit of sufficient grade and tonnage to meet Cyprus' corporate criteria. On October 31, 1996 Cyprus assigned its interest in the property to Rubicon Minerals Corporation.

## REFERENCES

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- Gorc, D. 1991: Summary Report - Axelgold Property an internal report between *Cathedral gold Corporation and Equinox Resources Ltd.*
- Rubicon Minerals 1995: Executive Summary - Axelgold Property an internal report between *Cyprus Canada Inc. and Rubicon Minerals.*

APPENDIX I

STATEMENT OF QUALIFICATIONS

I, Xiangdong Jiang of Cyprus Canada Inc. do hereby certify that:

1. I am a contract geologist with Cyprus Canada Inc. and reside at 5900 Granville Avenue, Richmond, B. C. V7C 1E9.
2. I have a BSc from the Changchun College of Geology, China in 1982.
3. I have ten years experience working as a geologist in China and Canada.
4. I have been employed as a contract geologist with Cyprus Canada Inc. since 1994.
5. I have carried out the field work on which this report is based.

Respectfully,



Xiangdong Jiang  
Cyprus Canada Inc.

November, 1996  
Vancouver, B.C.



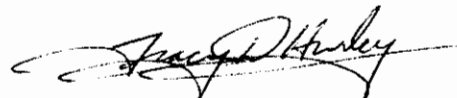
APPENDIX I

STATEMENT OF QUALIFICATIONS

I, Tracy D. Hurley, do hereby certify that:-

1. I am a geologist, resident at 1454 Gillespie Rd., Delta, B.C.
2. I have obtained a B.Sc.('82) and M.Sc.('86) in Geology from McMaster University and a M.B.A.('95) from the University of Saskatchewan.
3. I am a Fellow of the Geological Association of Canada.
4. I am registered as a Professional Geologist Licensee with the Association of Professional Engineers, Geologists and Geophysicist of the Northwest Territories.
5. I have actively practiced my profession since 1981.
6. This report is based on fieldwork I have carried out and supervised on the property as well as all reports available to me.

Respectfully,



Tracy D. Hurley, M.Sc.,M.B.A.  
Cyprus Canada Inc.

November, 1996  
Vancouver, B.C.

## APPENDIX II

### FIELD PERSONNEL

NAME	ADDRESS	POSITION	FROM	TO
Tracy Hurley	Delta, B.C.	Project Geologist	July 22, 1996 Aug 16, 1996	July 22, 1996 Aug 16, 1996
Xiangdong Jiang	Richmond, B.C.	Geologist	July 22, 1996 July 26, 1996	July 22, 1996 Aug. 24, 1996
Al McChesney	Timmins, Ont	Geotechnician	July 26, 1996	Aug 24, 1996
Dave Hayward	Smithers, B.C.	Excavator Operator	July 26, 1996	Aug 6, 1996
Terry Turner	Likely, B.C.	Excavator Operator	Aug 16, 1996	Aug 21, 1996

**Total Person-Days : 81**

**APPENDIX III**

**1996 PROGRAM EXPENDITURES (CDN\$)**

**JANUARY 1 TO NOV. 30, 1996**

<b>ACCOUNT DESCRIPTION</b>	<b>Y-T-D THRU 31/10/95</b>
Field Personnel	22,407
Compilation and Program Design	5,808
Report Preparation, Drafting	7,000
Trenching Contractor <sup>1</sup>	8,833
Helicopter Support <sup>2</sup>	24,052
Food & Accommodation	2,321
Travel, Mobilization/Demobilization	2,264
Vehicle Rentals <sup>3</sup>	1,274
Equipment Rentals	1,204
Equipment & Supplies	1,710
Maps & Reproduction	1,621
Communication	984
Assaying <sup>4</sup>	4,451
Transportation	542
<b>TOTAL</b>	<b>84,471</b>

1. Blue Ox Services
2. Pacific Western Helicopters Ltd. / Highland Helicopters Ltd.
3. Tilden
4. Chemex Labs Ltd. / Bondar-Clegg

**APPENDIX IV**

**1996 ASSAY RESULTS**

## APPENDIX IV

## AXELGOLD ASSAY RESULTS

Sample Number	Chemex Lab		Bondar Lab		Sample Method	Sample Type	Location	Description	PY (%)	Other
	Au g/t FA/AA	Au ppb Check	Au ppb Check							
128501	0.39	---			Grab	Float	BL/10+50S	Porphyritic Syenite	8	
128502	0.29	---			Grab	Float	BL/10+50S	Mega-crystic Syenite	8	1% Mal
128503	0.455	---			Grab	Bedrock	L11S/0+05W	Porphyritic Syenite	5-8	
128504	2.79	---			Grab	Bedrock	BL/11+15S	Porphyritic Syenite	5-7	
128505	0.08	---	81		Grab	Float	BL/10+65S	Mega-crystic Syenite	8	
128506	0.095	---			Grab	Bedrock	10+60S/0+15W	Mega-crystic Syenite	7	
128507	0.1	---			Grab	Bedrock	10+55S/0+20W	Porphyritic Syenite	8-10	
128508	0.085	---			Grab	Bedrock	10+60S/0+25W	Mega-crystic Syenite	10	
128509	0.03	---			Grab	Bedrock	9+50S/1+70W	Grey Syenite	8	
128510	0.015	---			Grab	Bedrock	9+70S/1+90W	Mega-crystic Syenite	7	
128511	0.01	---			Grab	Bedrock	9+20S/2+10W	Porphyritic Syenite	7	
128512	0.02	---			Grab	Bedrock	9+00S/1+90W	Grey Syenite	5	
128513	0.025	---	32		Grab	Bedrock	9+05S/2+00W	Grey Syenite	8	
128514	<.005	---			Grab	Bedrock	8+10S/1+70W	Trachytic Dyke?	tr	
128515	<.005	---			Grab	Bedrock	14+10S/0+35W	Fe-cb altered Felsite	2-3	
128516	<.005	---			Grab	Bedrock	see Map 1	Fine grained Syenite	1-2	
128517	0.095	---			Grab	Bedrock	14+20S/3+70E	Porphyritic Syenite	2-3	
128518	0.015	---			Grab	Bedrock	L14S/3+65E	Chloritic fault gouge		
128519	0.01	---			Grab	Bedrock	see Map 1	Rusty Syenite		
128520	<.005	---			Grab	Bedrock	14+15S/3+60E	Rusty Syenite		
128521	<.005	---			Grab	Bedrock	see Map 1	Dark grey Limestone		
128522	0.015	---	12		Grab	Bedrock	see Map 1	Rusty Phyllite		
128523	<.005	---			Grab	Bedrock	see Map 1	Rusty Phyllite		
128524	0.025	---			Grab	Bedrock	see Map 1	Basalt	3	
128525	0.035	---			Grab	Bedrock	see Map 1	Basalt	5-7	15% QV
128526	<.005	---			Grab	Bedrock	see Map 1	QCV in Basalt	3-4	
128527	<.005	---			Grab	Bedrock	see Map 1	Rusty Phyllite		
128528	<.005	---			Grab	Bedrock	see Map 1	Andesitic Dyke	10	
128529	<.005	---			Grab	Bedrock	see Map 1	Sericitic Chlorite Schist		
128530	<.005	---			Grab	Bedrock	see Map 1	Grey to bluish QV	0	
128531	0.04	---			Grab	Bedrock	L7S/0+70E	Rusty Porphyritic Syenite	5	
128532	0.035	---			Grab	Bedrock	13 m from 128531	Rusty Porphyritic Syenite	5	
128533	0.08	---			Trench	Float	BL/8+50S	Mega-crystic Syenite	10	tr Tet

## APPENDIX IV

## AXELGOLD ASSAY RESULTS

Sample Number	Chemex Lab		Bondar Lab	Sample Method	Sample Type	Location	Description	PY (%)	Other
	Au g/t FA/AA	Au ppb Check	Au ppb Check						
128534	0.02	---	18	Trench	Float	BL/8+50S	Mega-crystic Syenite	7-8	
128535	0.015	---		Trench	Soil	BL/8+32S	Yellow to rusty red soil		
128536	0.005	---		Grab	Bedrock	13+10S/1+20E	Fine grained Syenite	1-2	
128537	0.19	---	141	Old Tren	Bedrock	12+75S/0+08E	Mineralized Carbonatite	4	Mal, Cpy, Tet
128538	0.02	---		Grab	Talus	L13S/2+60E	Grey Syenite (with green mica)	3-4	
128539	0.09	---		Trench	Float	8+90S/0+04W	Porphyritic Syenite	12	
128540	0.055	---		Trench	Soil	8+90S/0+04W	Yellow to rusty red soil		
128541	0.03	---		Grab	Bedrock	see Map 1	Fine grained Syenite	1-2	
128542	0.04	---		Grab	Bedrock	see Map 1	Qtz, Fe-carbonate Vein		
128543	0.025	---		Grab	Bedrock	see Map 1	Fine grained Syenite	5	
128544	0.01	---		Grab	Bedrock	see Map 1	Porphyritic Syenite	2-3	
128545	<.005	---		Grab	Bedrock	see Map 1	Fe-cb altered Dacite	tr	
128546	<.005	---		Grab	Bedrock	see Map 1	Fe-cb altered Dacite	tr	
128547	<.005	---		Grab	Bedrock	see Map 1	Rusty Phyllite		
128548	<.005	---		Grab	Bedrock	see Map 1	Carbonatite dyke	0	
128549	0.325	---		Grab	Bedrock	see Map 1	Mega-crystic Syenite	5	
128550	0.17	---		Grab	Bedrock	see Map 1	Mega-crystic Syenite	1-2	
128551	0.06	---		Grab	Bedrock	see Map 1	Porphyritic Syenite	tr	tr green cb
128552	0.21	---		Grab	Bedrock	from 128551 to	Porphyritic Syenite	3-5	
128553	0.095	---		Grab	Bedrock	128591 are con-	Porphyritic Syenite	2	
128554	0.09	---		Grab	Bedrock	tinuous grab	Porphyritic Syenite	2	
128555	0.025	---		Grab	Bedrock	samples on	Mega-crystic Syenite	2-3	
128556	0.04	---		Grab	Bedrock	Gossan Hill	Mega-crystic Syenite	2-3	
128557	0.05	---		Grab	Bedrock	see Map 1	Mega-crystic Syenite	3-5	
128558	0.065	---		Grab	Bedrock		Mega-crystic Syenite	3-5	
128559	0.045	---		Grab	Bedrock		Mega-crystic Syenite	3-5	
128560	0.025	---		Grab	Bedrock		Mega-crystic Syenite	3-5	
128561	0.035	---		Grab	Bedrock		Mega-crystic Syenite	3-5	
128562	0.025	---		Grab	Bedrock		Mega-crystic Syenite	3-5	tr green cb
128563	0.015	---	16	Grab	Bedrock		Mega-crystic Syenite	5	
128564	0.02	---		Grab	Bedrock		Porphyritic Syenite	3-5	
128565	0.01	---		Grab	Bedrock		Felsic Dyke	3	
128566	0.035	---		Grab	Bedrock		Porphyritic Syenite	5	

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## AXELGOLD ASSAY RESULTS

Sample Number	Chemex Lab		Bondar Lab		Sample Method	Sample Type	Location	Description	PY (%)	Other
	Au g/t FA/AA	Au ppb Check	Au ppb Check							
128567	0.03	---			Grab	Bedrock		Felsic Dyke?	3-5	
128568	0.03	---			Grab	Bedrock		Porphyritic Syenite	2	
128569	0.055	---			Grab	Bedrock		Mega-crystic Syenite	3-5	
128570	0.055	---			Grab	Bedrock		Mega-crystic Syenite	3-5	
128571	0.08	---			Grab	Bedrock		Porphyritic Syenite silicified	4	
128572	0.115	---			Grab	Bedrock		Porphyritic Syenite silicified	2-3	
128573	0.065	---			Grab	Bedrock		Porphyritic Syenite silicified	1	
128574	0.04	---			Grab	Bedrock		Porphyritic Syenite silicified	2	
128575	0.03	---			Grab	Bedrock		Porphyritic Syenite silicified	3-5	
128576	0.015	---			Grab	Bedrock		Porphyritic Syenite silicified	2-3	
128577	0.02	---			Grab	Bedrock		Porphyritic Syenite silicified	3-5	
128578	0.015	---			Grab	Bedrock		Porphyritic Syenite silicified	5-7	
128579	0.015	---			Grab	Bedrock		Porphyritic Syenite silicified	5-7	
128580	0.015	---			Grab	Bedrock		Mega-crystic Syenite	3	
128581	0.02	---			Grab	Bedrock		Mega-crystic Syenite silicified	8	
128582	0.02	---			Grab	Bedrock		Mega-crystic Syenite silicified	3	
128583	0.015	---			Grab	Bedrock		Mega-crystic Syenite silicified	5	
128584	0.015	---			Grab	Bedrock		Mega-crystic Syenite silicified	5	
128585	0.025	---			Grab	Bedrock		Mega-crystic Syenite silicified	3	
128586	0.04	---			Grab	Bedrock		Mega-crystic Syenite silicified	3	
128587	0.06	---			Grab	Bedrock		Mega-crystic Syenite silicified	3	tr Flu
128588	0.025	---			Grab	Bedrock		Mega-crystic Syenite	3	
128589	0.115	---			Grab	Bedrock		Mega-crystic Syenite	3	
128590	0.045	---			Grab	Bedrock		Mega-crystic Syenite	3	
128591	0.025	---			Grab	Bedrock		Mega-crystic Syenite	3	
128592	0.105	---			Grab	Bedrock	see Map I	Mega-crystic Syenite	2	
128593	0.14	---	115		Grab	Bedrock	from 128592 to	Mega-crystic Syenite	2	tr Flu, 5% QCV
128594	0.14	---			Grab	Bedrock	128600 and from	Mega-crystic Syenite	5-7	
128595	0.07	---			Grab	Bedrock	128901 to 128913	Mega-crystic Syenite	8-10	
128596	0.11	---			Grab	Bedrock	are continuous	Mega-crystic Syenite	7	
128597	0.07	---			Grab	Bedrock	grab samples	Mega-crystic Syenite	7	
128598	0.135	---			Grab	Bedrock	on Gossan Hill	Mega-crystic Syenite	7	
128599	0.3	---			Grab	Bedrock		Mega-crystic Syenite	3-5	tr QV

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## AXELGOLD ASSAY RESULTS

Sample Number	Chemex Lab		Bondar Lab		Sample Method	Sample Type	Location	Description	PY (%)	Other
	Au g/t FA/AA	Au ppb Check	Au ppb Check							
128600	0.275	---			Grab	Bedrock		Mega-crystic Syenite	3-5	tr QV
128601	0.04	---			Trench	Bedrock-panel	Trench #1, 0 - 1m	Rusty Porphyritic Syenite	2	
128602	0.035	---	46		Trench	Bedrock-panel	1 - 2	feldspar phenocrysts 2 - 5 mm	2	tr Tet
128603	0.045	---			Trench	Bedrock-panel	2 - 3	moderately silicified	2	
128604	0.055	---			Trench	Bedrock-panel	3 - 4		2	
128605	0.03	---			Trench	Bedrock-panel	4 - 5	Generally massive, locally well	2	
128606	0.025	---			Trench	Bedrock-panel	5 - 6	fractured	2	
128607	0.055	---			Trench	Bedrock-panel	6 - 7		2	
128608	0.045	---			Trench	Bedrock-panel	7 - 8	with very fine grained	1	
128609	0.03	---			Trench	Bedrock-panel	8 - 9	disseminated pyrite	1.5	
128610	0.03	---			Trench	Bedrock-panel	9 - 10		2	
128611	0.035	---			Trench	Bedrock-panel	10 - 11		2	
128612	0.03	---			Trench	Bedrock-panel	11 - 12	weakly silicified	1	
128613	0.06	---			Trench	Bedrock-panel	12 - 13		1	
128614	0.065	---			Trench	Bedrock-panel	13 - 14		1	
128615	0.145	---			Trench	Bedrock-panel	14 - 15		2	
128616	0.12	---			Trench	Bedrock-panel	15 - 16		1.5	
128617	0.13	---			Trench	Bedrock-panel	16 - 17		1.5	
128618	0.235	---			Trench	Bedrock-panel	17 - 18		1	
128619	0.16	---			Trench	Bedrock-panel	18 - 19		1.5	
128620	0.145	---			Trench	Bedrock-panel	19 - 20		1.5	
128621	0.065	---			Trench	Bedrock-panel	20 - 21		1	
128622	0.125	---			Trench	Bedrock-panel	21 - 22	locally 5% diss py	2	
128623	0.145	---	145		Trench	Bedrock-panel	22 - 23		2.5	
128624	0.17	---			Trench	Bedrock-panel	23 - 24		1	
128625	0.085	---			Trench	Bedrock-panel	24 - 25		tr	
128626	0.21	---			Trench	Bedrock-panel	25 - 26		1.5	
128627	0.555	---			Trench	Bedrock-panel	26 - 27	locally very rusty weathering	2.5	
128628	0.17	---			Trench	Bedrock-panel	27 - 28		2.5	
128629	0.31	---			Trench	Bedrock-panel	28 - 29	3 to 5 mm py veinlets	2.5	
128630	0.305	---			Trench	Bedrock-panel	29 - 30		4	
128631	0.11	---	103		Trench	Bedrock-panel	30 - 31		4	



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## AXELGOLD ASSAY RESULTS

Sample Number	Chemex Lab		Bondar Lab		Sample Method	Sample Type	Location	Description	PY (%)	Other
	Au g/t FA/AA	Au ppb Check	Au ppb Check							
128632	0.22	---			Trench	Bedrock-panel	31 - 32		1.5	
128633	0.13	---			Trench	Bedrock-panel	32 - 33		1.5	
128634	0.155	---			Trench	Bedrock-panel	33 - 34		1	
128635	0.28	---			Trench	Bedrock-panel	34 - 35		tr	
128636	0.475	---			Trench	Bedrock-panel	35 - 36	from 36 to 40 m is a strong shear zone, very rusty weathering	1.5	
128637	0.1	---			Trench	Bedrock-panel	36 - 37		1.5	
128638	0.155	---			Trench	Bedrock-panel	37 - 38		1	
128639	0.075	---	78		Trench	Bedrock-panel	38 - 39		4	
128640	0.09	---			Trench	Bedrock-panel	39 - 40		2	
128641	0.12	---			Trench	Bedrock-panel	40 - 41		4-8	
128642	0.06	---			Trench	Bedrock-panel	41 - 42		3	
128643	0.07	---			Trench	Bedrock-panel	42 - 43	from 42 to 44 m, not well exposed		
128644	0.11	---			Trench	Bedrock-panel	43 - 44			
128645	0.07	---			Trench	Bedrock-panel	44 - 45	Porphyritic Syenite, grey, massive	2	
128646	0.05	---			Trench	Bedrock-panel	45 - 46	to locally weakly foliated near	1	
128647	0.055	---			Trench	Bedrock-panel	46 - 47	small shears	1	
128648	0.085	---			Trench	Bedrock-panel	47 - 48	with very fine grained diss py	2	
128649	0.13	---			Trench	Bedrock-panel	48 - 49		2	
128650	0.125	---			Trench	Bedrock-panel	49 - 50	moderate silicification	1	
128651	0.12	---			Trench	Bedrock-panel	50 - 51		1	
128652	0.44	---			Trench	Bedrock-panel	51 - 52		2	
128653	0.65	---			Trench	Bedrock-panel	52 - 53	rusty fault gouge	2	
128654	0.32	---			Trench	Bedrock-panel	53 - 54		2	
128655	0.655	---	139		Trench	Bedrock-panel	54 - 55		1	
128656	0.42	---			Trench	Bedrock-panel	55 - 56	locally sericitic, trace green mica	1	
128657	0.27	---			Trench	Bedrock-panel	56 - 57		1	
128658	0.2	---			Trench	Bedrock-panel	57 - 58		1	
128659	0.15	---			Trench	Bedrock-panel	58 - 59		1	
128660	0.105	---			Trench	Bedrock-panel	59 - 60		2	
128661	0.1	---			Trench	Bedrock-panel	60 - 61		1	
128662	0.165	---			Trench	Bedrock-panel	61 - 62		1	
128663	0.67	---			Trench	Bedrock-panel	62 - 63	rusty pyritic shear	2.5	
128664	0.32	---			Trench	Bedrock-panel	63 - 64		2.5	

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## AXELGOLD ASSAY RESULTS

Sample Number	Chemex Lab		Bondar Lab	Sample Method	Sample Type	Location	Description	PY (%)	Other
	Au g/t FA/AA	Au ppb Check	Au ppb Check						
128665	0.155	---		Trench	Bedrock-panel	64 - 65		1	
128666	0.08	---		Trench	Bedrock-panel	65 - 66		1	
128667	0.04	---		Trench	Bedrock-panel	66 - 67		1	
128668	0.055	---		Trench	Bedrock-panel	67 - 68	The size of the feldspar phenocrysts	1	
128669	0.095	---		Trench	Bedrock-panel	68 - 69	tends to increase from 1 to 2 mm to	1	
128670	0.12	---		Trench	Bedrock-panel	69 - 70	3 to 4 mm towards the end of trench	1	
128671	0.07	---		Trench	Bedrock-panel	70 - 71	weakly silicified	1	
128672	0.135	---		Trench	Bedrock-panel	71 - 72		1	
128673	0.035	---		Trench	Bedrock-panel	72 - 73		1	
128674	0.085	---		Trench	Bedrock-panel	73 - 74		1	
128675	0.04	---		Trench	Bedrock-panel	74 - 75		1	
128676	0.05	---		Trench	Bedrock-panel	75 - 76	not well exposed	1	
128677	0.04	---		Trench	Bedrock-panel	76 - 77		1	
128678	0.065	---		Trench	Bedrock-panel	77 - 78		1	
128679	0.065	---		Trench	Bedrock-panel	78 - 79	Porphyritic Syenite	1	
128680	0.1	---		Trench	Bedrock-panel	79 - 80		1	
128681	0.095	---		Trench	Bedrock-panel	80 - 81		1	
128682	0.155	---		Trench	Bedrock-panel	81 - 82	well fractured with more pyrite	2	
128683	0.085	---		Trench	Bedrock-panel	82 - 83		2	
128684	0.24	---		Trench	Bedrock-panel	83 - 84	Massive moderately silicified	2	
128685	0.115	---		Trench	Bedrock-panel	84 - 85		1	
128686	0.1	---		Trench	Bedrock-panel	85 - 86		1	
128687	0.195	---		Trench	Bedrock-panel	86 - 87		1	
128688	0.065	---		Trench	Bedrock-panel	see Map 1	Silicified Porphyritic Syenite	1	
128689	0.09	---		Trench	Bedrock-panel	see Map 1	Silicified Porphyritic Syenite	1	
128701	0.02	---	24	Trench	Bedrock-panel	Trench #2, 0 - 2 m	Grey sub-mega-crystic Syenite	10	1% Flu, tr QV
128702	0.02	---		Trench	Bedrock-panel	2 - 4	Grey sub-mega-crystic Syenite	7	tr - 1% Flu
128703	0.04	---		Trench	Bedrock-panel	4 - 6	Grey sub-mega-crystic Syenite	5	tr Flu
128704	0.07	---		Trench	Bedrock-panel	6 - 8	Grey sub-mega-crystic Syenite	4	
128705	0.085	---		Trench	Bedrock-panel	8 - 10	Grey sub-mega-crystic Syenite	5	
128706	0.07	---		Trench	Bedrock-panel	10 - 12	Mega-crystic Syenite, well fractured		
128707	0.075	---		Trench	Bedrock-panel	12 - 14	strongly weathered	4	1% QCV
128708	1.54	1.7		Trench	Bedrock-panel	14 - 16	2-3 mm tet fracture filling veinlets	5	1% Tet, Mal, 1% QV

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## AXELGOLD ASSAY RESULTS

Sample Number	Chemex Lab		Bondar Lab		Sample Method	Sample Type	Location	Description	PY (%)	Other
	Au g/t FA/AA	Au ppb Check	Au ppb Check							
128709	1.17	1.14			Trench	Bedrock-panel	16 - 18	Strongly weathered pyritic shear	7.5	2% QCV
128710	0.26	---	296		Trench	Bedrock-panel	18 - 20	Sheared rusty mega-crystic Syenite	5	tr Tet, 5% QV
128711	0.065	---			Trench	Bedrock-panel	20 - 21	Rusty mega-crystic Syenite	3	1% Flu
128712	0.23	---			Trench	Soil	21 - 23	Rusty red soil		
128713	0.135	---			Trench	Soil	23 - 25	Rusty red soil		
128714	0.045	---			Trench	Bedrock-panel	12+85S/0+40E	Non-porphyrific med-grained Syenite	3	2% QV
128715	0.08	---			Trench	Bedrock-panel	12+85S/0+42E	Non-porphyrific med-grained Syenite	3	tr Mal
128716	0.02	---			Trench	Bedrock-panel	see Map 1	Non-porphyrific med-grained Syenite	3	
128717	0.035	---			Trench	Soil	see Map 1	Red rusty soil		
128718	0.065	---			Trench	Soil	L13S/0+55E	Buff yellow soil 1.2 m below surface		
128719	0.01	---			Trench	Bedrock-panel	Trench #3, 0 - 2 m	Silicified Feldspar Porphyry	4	
128720	0.005	---			Trench	Bedrock-panel	2 - 4	Silicified Feldspar Porphyry	3-5	
128721	0.01	---			Trench	Bedrock-panel	4 - 6		3-5	
128722	0.015	---			Trench	Bedrock-panel	6 - 8	Rusty fractures	3-5	
128723	0.035	---	37		Trench	Bedrock-panel	8 - 10	Strongly weathered, rusty	3-5	
128724	0.015	---			Trench	Bedrock-panel	10 - 12		1-2	
128725	0.035	---			Trench	Bedrock-panel	12 - 14	with very fine grained diss pyrite	2-3	
128726	0.03	---			Trench	Bedrock-panel	14 - 16		2-3	
128727	0.025	---			Trench	Bedrock-panel	16 - 18		2-3	
128728	0.02	---			Trench	Bedrock-panel	18 - 20		2-3	
128729	0.015	---			Trench	Bedrock-panel	20 - 22	Fracture filling pyrite veinlets	3-4	
128730	0.045	---			Trench	Bedrock-panel	22 - 24		2-3	
128731	0.025	---			Trench	Bedrock-panel	24 - 26	local trace to 1% qtz carb veinlets	1-2	
128732	0.015	---			Trench	Bedrock-panel	26 - 28		3-4	
128733	0.015	---			Trench	Bedrock-panel	28 - 30		1	
128734	<.005	---			Trench	Bedrock-panel	30 - 32	Non-porphyrific, vfg, Felsite	5-7	
128735	0.04	---	38		Trench	Bedrock-panel	32 - 34		3	
128736	0.16	---			Trench	Bedrock-panel	34 - 36	rusty pyritic shear	6	
128737	0.045	---			Trench	Bedrock-panel	36 - 38	well fractured with py veinlets	6	
128738	0.03	---			Trench	Bedrock-panel	38 - 40		6	
128739	0.075	---			Trench	Bedrock-panel	40 - 42	locally porphyritic	6	
128740	0.01	---			Trench	Bedrock-panel	42 - 44		2	
128741	<.005	---			Trench	Bedrock-panel	44 - 46	Diabase Dyke	1	1% Mt

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## AXELGOLD ASSAY RESULTS

Sample Number	Chemex Lab		Bondar Lab	Sample Method	Sample Type	Location	Description	PY (%)	Other
	Au g/t FA/AA	Au ppb Check	Au ppb Check						
128742	<.005	---		Trench	Bedrock-panel	46 - 48	moderately magnetic		2% Mt
128743	<.005	---		Trench	Bedrock-panel	48 - 50			1% Mt
128744	<.005	---		Trench	Bedrock-panel	50 - 52	Non-porphyrific siliceous Felsite	tr	
128745	<.005	---		Trench	Bedrock-panel	52 - 54		tr	
128746	0.105	---		Trench	Bedrock-panel	see Map 1	Feldspar Forphyry	5	
128747	0.015	---		Trench	Bedrock-panel	see Map 1	Felsite	4	
128748	<.005	---		Trench	Bedrock-panel	see Map 1	Diabase Dyke	1	2% Mt
128749	0.085	---		Trench	Soil	see Map 1	Yellow rusty soil		
128750	<.005	---		Trench	Bedrock	L12S/2+60E	Diabase Dyke		3% Mt
128751	0.095	---		Trench	Soil	see Map 1	Interlayered yellow and grey soil		
128752	0.075	---		Trench	Bedrock	11+50S/3+40E	Fe-cb altered Feldspar Porphyry	1	2% QCV
128753	0.01	---		Grab	Talus	L12S/4+00E	Feldspar Prophyry	3	
128754	0.035	---		Trench	Soil	9+06S/0+16W	Yellowish rusty soil		
128755	0.105	---		Trench	Float	9+06S/0+01E	Mega-crystic Syenite boulder	5	
128756	0.075	---	66	Trench	Float	9+08S/0+21E	Silicified grey Syenite boulder	9	
128757	0.085	---		Trench	Float	9+10S/0+50E	Rusty Porphyritic Syenite boulder	4	
128758	0.06	---		Trench	Float	9+12S/0+52E	Mega-crystic Syenite boulder	5	
128759	0.035	---		Trench	Float	9+15S/0+80E	Mega-crystic Syenite boulder	5	
128760	0.015	---		Trench	Float	9+15S/0+85E	Silicified grey Porphyritic Syenite	4	tr Flu
128761	0.05	---		Trench	Float	9+18S/1+05E	Silicified grey Porphyritic Syenite	6	
128762	0.17	---		Trench	Float	9+18S/1+05E	Mega-crystic Syenite	7	
128763	0.1	---		Trench	Soil	see Map 1	Yellowish soil with 30% sands		
128764	0.19	---		Trench	Soil	9+15S/0+85E	Rusty red to yellowish soil		
128901	0.11	---		Grab	Bedrock	see Map 1	Mega-crystic Syenite	4	
128902	0.085	---		Grab	Bedrock	from 128901 to	Mega-crystic Syenite	4	
128903	0.13	---		Grab	Bedrock	128913 are	Mega-crystic Syenite	4	
128904	0.2	---		Grab	Bedrock	continuous grab	Mega-crystic Syenite	3	
128905	0.135	---		Grab	Bedrock	samples on	Mega-crystic Syenite	6	
128906	0.14	---		Grab	Bedrock	Gossan Hill	Mega-crystic Syenite	9	
128907	0.065	---		Grab	Bedrock	see Map 1	Mega-crystic Syenite	7	
128908	0.045	---		Grab	Bedrock		Mega-crystic Syenite	4	
128909	0.045	---		Grab	Bedrock		Mega-crystic Syenite	3	

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## AXELGOLD ASSAY RESULTS

Sample Number	Chemex Lab		Bondar Lab	Sample Method	Sample Type	Location	Description	PY (%)	Other
	Au g/t FA/AA	Au ppb Check	Au ppb Check						
128910	0.08	---		Grab	Bedrock		Mega-crystic Syenite	3	
128911	0.085	---		Grab	Bedrock		Mega-crystic Syenite	3	
128912	0.13	---		Grab	Bedrock		Mega-crystic Syenite	4	
128913	0.07	---		Grab	Bedrock		Mega-crystic Syenite	5	
128914	0.015	---		Grab	Bedrock	see Map 1	Mega-crystic Syenite-trachytic texture	2	
128915	0.025	---		Grab	Bedrock	from 128915 to	Sub-mega-crystic Syenite	1	
128916	0.045	---		Grab	Bedrock	128932 are con-	Trachytic Dyke	1	
128917	0.01	---		Grab	Bedrock	tinuous grab	Sericite altered well fractured, sheared	2	
128918	0.015	---	10	Grab	Bedrock	samples on a	fine to medium grained Feldspar	4	tr green mica
128919	0.015	---		Grab	Bedrock	rusty shear zone	Porphyry or Porphyritic Syenite	3	
128920	0.04	---		Grab	Bedrock	on Gossan Hill	with very fine graind diss py	3	
128921	0.015	---		Grab	Bedrock	see Map 1		2	
128922	0.02	---		Grab	Bedrock			3	
128923	0.02	---		Grab	Bedrock			2	
128924	0.025	---		Grab	Bedrock			3	
128925	0.01	---		Grab	Bedrock		Strongly sheared till 128928	3	
128926	0.01	---		Grab	Bedrock		kaoline, lemonite weathering	3	
128927	0.015	---		Grab	Bedrock			3	
128928	0.015	---		Grab	Bedrock			3	
128929	0.04	---		Grab	Bedrock			2	
128930	0.03	---		Grab	Bedrock			3	
128931	0.045	---		Grab	Bedrock			3	
128932	0.035	---		Grab	Bedrock			3	
128933	0.005	---		Grab	Bedrock	see Map 1	Fe-cb altered Feldspar Porphyry	1	
128934	0.01	---		Grab	Bedrock	from 128933	Rusty Schist - from shear zone	3	
128935	0.01	---		Grab	Bedrock	to 128950 are	Silicified sericite altered FP	2	
128936	0.01	---		Grab	Bedrock	continuous grab	Silicified sericite altered FP	2	
128937	0.005	---		Grab	Bedrock	samples on the	FP with siliceous blobs, tr green mica	2	
128938	0.01	---		Grab	Bedrock	sulphur stained	FP with siliceous blobs	1	
128939	0.01	---		Grab	Bedrock	cliff in the SE of	FP with siliceous blobs, tr green mica	2	
128940	0.005	---		Grab	Bedrock	Axelgold property	FP with siliceous blobs, tr green mica	2	
128941	0.015	---		Grab	Bedrock	see Map 1	Strongly silicified	2	
128942	0.02	---		Grab	Bedrock		Well fractured FP	3	

## APPENDIX IV

## AXELGOLD ASSAY RESULTS

Sample Number	Chemex Lab		Bondar Lab	Sample Method	Sample Type	Location	Description	PY (%)	Other
	Au g/t FA/AA	Au ppb Check	Au ppb Check						
128943	0.03	---	35	Grab	Bedrock		FP with siliceous blobs, tr green mica	3	
128944	0.025	---		Grab	Bedrock		FP with siliceous blobs, tr green mica	3	
128945	0.02	---		Grab	Bedrock		Non-porphyritic Felsite ,	3	
128946	0.025	---		Grab	Bedrock		fine to medium grained	3	
128947	0.025	---		Grab	Bedrock			3	
128948	0.01	---		Grab	Bedrock		50% QCV, 50% carbonaceous Schist	2	
128949	0.005	---		Grab	Bedrock		Strongly sheared FP	2	
128950	<.005	---		Grab	Bedrock		FP, less sheared than above	1	
128951	0.03	---		Trench	Soil	BL/7+00S	Red rusty soil		
128952	0.025	---		Trench	Float	BL/7+00S	Mega-crystic Syenite boulder	8	
128953	0.12	---		Trench	Soil	L6S/1+00E	Greenish to rusty soil with 15% sands		
128954	0.1	---		Trench	Soil	L6S/0+75E	Greenish to rusty soil with 15% sands		
128955	0.14	---		Trench	Soil	L6S/0+25E	Buff rusty soil with 30% sand pebbles		
128956	0.07	---	72	Trench	Bedrock	5+70S/0+30E	Porphyritic Syenite, silicified	9	
128957	0.025	---		Trench	Bedrock	5+70S/0+30E	Diabase Dyke		3% Mt

## Abbreviations

Py	-----	pyrite
Cpy	-----	chalcopyrite
Tet	-----	tetrahedrite
Mal	-----	malachite
Mt	-----	magnetite
Flu	-----	fluorite
qtz	-----	quartz
carb	-----	carbonate
cb	-----	carbonate
Fe-cb	-----	iron-carbonate
QV	-----	quartz vein
QCV	-----	quartz-carbonate vein
FP	-----	Feldspar Porphyry
diss	-----	disseminated
tr	-----	trace
vfg	-----	very fine grained

**APPENDIX V**

**CERTIFICATES OF ANALYSES**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: CYPRUS CANADA INC.  
ATTN: TRACY HURLEY  
322 WATER ST.  
VANCOUVER, BC  
V6B 1B6

A9628325

Comments: ATTN: TRACY HURLEY CC: SEAMUS YOUNG

**CERTIFICATE**

**A9628325**

(MVMH) - CYPRUS CANADA INC.

Project: AXELGOLD  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 15-AUG-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
258	8	RUSH Assay ring approx 150 mesh
272	8	RUSH 4-7 Kg crush and split
3202	8	Rock - save entire reject
220	8	Transferring charge
231	8	4-6 Kg -60 mesh crush
219	8	Drying charge (4-7 Kg)

\* NOTE 1:

Code 1000 is used for repeat gold analyses  
It shows typical sample variability due to  
coarse gold effects. Each value is  
correct for its particular subsample.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
1209	8	Au g/t:30 gram FA/AA Low grade	FA-AAS	0.005	12.00
1350	0	Au check analysis		0.005	10000





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: CYPRUS CANADA INC.  
ATTN: TRACY HURLEY  
322 WATER ST.  
VANCOUVER, BC  
V6B 1B6

Project: AXELGOLD  
Comments: ATTN: TRACY HURLEY CC: SEAMUS YOUNG

Page 1 of 1  
Total Pages : 1  
Certificate Date: 15-AUG-96  
Invoice No. : I9628325  
P.O. Number :  
Account : MVMH

## CERTIFICATE OF ANALYSIS

A9628325

SAMPLE	PREP CODE	Au g/t FA/AA R	Au check								
128501	258 272	0.390	-----								
128502	258 272	0.290	-----								
128503	258 272	0.455	-----								
128504	258 272	2.79	-----								
128505	258 272	0.080	-----								
128506	258 272	0.095	-----								
128507	258 272	0.100	-----								
128508	258 272	0.085	-----								

CERTIFICATION:

*Tracy Hurley*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

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ATTN: TRACY HURLEY  
322 WATER ST.  
VANCOUVER, BC  
V6B 1B6

A9629823

Comments: ATTN:TRACY HURLEY

<b>CERTIFICATE</b>	<b>A9629823</b>
--------------------	-----------------

(MVMH) - CYPRUS CANADA INC.

Project: AXELGOLD  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 3-SEP-96.

<b>SAMPLE PREPARATION</b>		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	142	Assay ring to approx 150 mesh
294	142	4-7 Kg crush and split
3202	142	Rock - save entire reject
220	142	Transferring charge
231	142	4-6 Kg -60 mesh crush
214	7	Rcvd as pulp; mesh size checked

\* NOTE 1:

Code 1000 is used for repeat gold analyses  
It shows typical sample variability due to  
coarse gold effects. Each value is  
correct for its particular subsample.

<b>ANALYTICAL PROCEDURES</b>					
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
494 1350	149 0	Au g/t: Fuse 30 g sample Au check analysis	FA-AAS	0.005 0.005	12.00 10000



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V6B 1B6

Project : AXELGOLD  
Comments: ATTN:TRACY HURLEY

Page 1 of 1  
Total Pages : 4  
Certificate Date: 03-SEP-96  
Invoice No. : 19629823  
P.O. Number :  
Account : MVMH

## CERTIFICATE OF ANALYSIS

### A9629823

SAMPLE	PREP CODE	Au g/t FA+AA	Au check								
128509	208 294	0.030	-----								
128510	208 294	0.015	-----								
128511	208 294	0.010	-----								
128512	208 294	0.020	-----								
128513	208 294	0.025	-----								
128514	208 294	< 0.005	-----								
128515	208 294	< 0.005	-----								
128516	208 294	< 0.005	-----								
128517	208 294	0.095	-----								
128518	208 294	0.015	-----								
128519	208 294	< 0.010	-----								
128520	208 294	< 0.005	-----								
128521	208 294	< 0.005	-----								
128522	208 294	0.015	-----								
128523	208 294	< 0.005	-----								
128524	208 294	0.025	-----								
128525	208 294	0.035	-----								
128526	208 294	< 0.005	-----								
128527	208 294	< 0.005	-----								
HIGH STD.	214 --	1.470	-----								
128528	208 294	< 0.005	-----								
128529	208 294	< 0.005	-----								
128530	208 294	< 0.005	-----								
128531	208 294	0.040	-----								
128532	208 294	0.035	-----								
128533	208 294	0.080	-----								
128534	208 294	0.020	-----								
128535	208 294	0.015	-----								
128536	208 294	0.005	-----								
128537	208 294	0.190	-----								
128538	208 294	0.020	-----								
128539	208 294	0.090	-----								
128540	208 294	0.055	-----								
128541	208 294	0.030	-----								
128542	208 294	0.040	-----								
128543	208 294	0.025	-----								
128544	208 294	0.010	-----								
128545	208 294	< 0.005	-----								
128546	208 294	< 0.005	-----								
LOW STD	214 --	0.445	-----								

CERTIFICATION:

*Tracy Hurley*



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Page : 1 of 2  
Total Pages : 4  
Certificate Date: 03-SEP-96  
Invoice No. : 19629823  
P.O. Number :  
Account : MVMH

## CERTIFICATE OF ANALYSIS

### A9629823

SAMPLE	PREP CODE	Au g/t FA+AA	Au check								
128547	208 294	< 0.005	-----								
128548	208 294	< 0.005	-----								
128549	208 294	0.325	-----								
128550	208 294	0.170	-----								
128551	208 294	0.060	-----								
128552	208 294	0.210	-----								
128553	208 294	0.095	-----								
128554	208 294	0.090	-----								
128555	208 294	0.025	-----								
128556	208 294	0.040	-----								
128557	208 294	0.050	-----								
128558	208 294	0.065	-----								
128559	208 294	0.045	-----								
128560	208 294	0.025	-----								
128561	208 294	0.035	-----								
128562	208 294	0.025	-----								
128563	208 294	0.015	-----								
128564	208 294	0.020	-----								
128565	208 294	0.010	-----								
HIGH STD.	214 --	1.370	-----								
128566	208 294	0.035	-----								
128567	208 294	0.030	-----								
128568	208 294	0.030	-----								
128569	208 294	0.055	-----								
128570	208 294	0.055	-----								
128571	208 294	0.080	-----								
128572	208 294	0.115	-----								
128573	208 294	0.065	-----								
128574	208 294	0.040	-----								
128575	208 294	0.030	-----								
128576	208 294	0.015	-----								
128577	208 294	0.020	-----								
128578	208 294	0.015	-----								
128579	208 294	0.015	-----								
128580	208 294	0.015	-----								
128581	208 294	0.020	-----								
128582	208 294	0.020	-----								
128583	208 294	0.015	-----								
128584	208 294	0.015	-----								
LOW STD.	214 --	0.440	-----								

CERTIFICATION:

*Tracy Hurley*



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Project: AXELGOLD  
Comments: ATTN:TRACY HURLEY

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Total Pages: 4  
Certificate Date: 03-SEP-96  
Invoice No.: 19629823  
P.O. Number:  
Account: MVMH

## CERTIFICATE OF ANALYSIS

### A9629823

SAMPLE	PREP CODE	Au g/t FA+AA	Au check									
128585	208 294	0.025	-----									
128586	208 294	0.040	-----									
128587	208 294	0.060	-----									
128588	208 294	0.025	-----									
128589	208 294	0.115	-----									
128590	208 294	0.045	-----									
128591	208 294	0.025	-----									
128592	208 294	0.105	-----									
128593	208 294	0.140	-----									
128594	208 294	0.140	-----									
128595	208 294	0.070	-----									
128596	208 294	0.110	-----									
128597	208 294	0.070	-----									
128598	208 294	0.135	-----									
128599	208 294	0.300	-----									
128600	208 294	0.275	-----									
128901	208 294	0.110	-----									
128902	208 294	0.085	-----									
128903	208 294	0.130	-----									
HIGH STD.	214 --	1.430	-----									
128904	208 294	0.200	-----									
128905	208 294	0.135	-----									
128906	208 294	0.140	-----									
128907	208 294	0.065	-----									
128908	208 294	0.045	-----									
128909	208 294	0.045	-----									
128910	208 294	0.080	-----									
128911	208 294	0.085	-----									
128912	208 294	0.130	-----									
128913	208 294	0.070	-----									
128914	208 294	0.015	-----									
128915	208 294	0.025	-----									
128916	208 294	0.045	-----									
128917	208 294	0.010	-----									
128918	208 294	0.015	-----									
128919	208 294	0.015	-----									
128920	208 294	0.040	-----									
128921	208 294	0.015	-----									
128922	208 294	0.020	-----									
LOW STD.	214 --	0.455	-----									

CERTIFICATION:

*Tracy Hurley*



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322 WATER ST.  
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V6B 1B6

Project: AXELGOLD  
Comments: ATTN:TRACY HURLEY

Page 1 per :4  
Total Pages :4  
Certificate Date: 03-SEP-96  
Invoice No. : 19629823  
P.O. Number :  
Account : MVMH

## CERTIFICATE OF ANALYSIS

A9629823

SAMPLE	PREP CODE	Au g/t FA+AA	Au check									
128923	208 294	0.020	-----									
128924	208 294	0.025	-----									
128925	208 294	0.010	-----									
128926	208 294	0.010	-----									
128927	208 294	0.015	-----									
128928	208 294	0.015	-----									
128929	208 294	0.040	-----									
128930	208 294	0.030	-----									
128931	208 294	0.045	-----									
128932	208 294	0.035	-----									
128933	208 294	0.005	-----									
128934	208 294	0.010	-----									
128935	208 294	0.010	-----									
128936	208 294	0.010	-----									
128937	208 294	0.005	-----									
128938	208 294	0.010	-----									
128939	208 294	0.010	-----									
128940	208 294	0.005	-----									
128941	208 294	0.015	-----									
HIGH STD.	214 --	1.420	-----									
128942	208 294	0.020	-----									
128943	208 294	0.030	-----									
128944	208 294	0.025	-----									
128945	208 294	0.020	-----									
128946	208 294	0.025	-----									
128947	208 294	0.025	-----									
128948	208 294	0.010	-----									
128949	208 294	0.005	-----									
128950	208 294	< 0.005	-----									

CERTIFICATION:

*Tracy Hurley*



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British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

Client: CYPRUS CANADA INC.

322 WATER ST.  
VANCOUVER, BC  
V6B 1B6

A9627619

Comments: ATTN: DAVID BROUGHTON

**CERTIFICATE**

**A9627619**

(MVM) - CYPRUS CANADA INC.

Project: AXELGOLD

P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 12-AUG-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
258	70	RUSH Assay ring approx 150 mesh
272	70	RUSH 4-7 Kg crush and split
3202	70	Rock - save entire reject
220	70	Transferring charge
231	70	4-6 Kg -60 mesh crush
214	3	Rcvd as pulp; mesh size checked

\* NOTE 1:

Code 1000 is used for repeat gold analyses  
It shows typical sample variability due to  
coarse gold effects. Each value is  
correct for its particular subsample.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
1209	73	Au g/t:30 gram FA/AA Low grade	FA-AAS	0.005	12.00
1350	0	Au check analysis		0.005	10000



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: CYPRUS CANADA INC.

322 WATER ST.  
VANCOUVER, BC  
V6B 1B6

Project : AXELGOLD  
Comments: ATTN: DAVID BROUGHTON

Page Number : 1  
Total Pages : 2  
Certificate Date: 12-AUG-96  
Invoice No. : 19627619  
P.O. Number :  
Account : MVM

## CERTIFICATE OF ANALYSIS

### A9627619

SAMPLE	PREP CODE	Au g/t FA/AA R	Au check									
128601	258 272	0.040	-----									
128602	258 272	0.035	-----									
128603	258 272	0.045	-----									
128604	258 272	0.055	-----									
128605	258 272	0.030	-----									
128606	258 272	0.025	-----									
128607	258 272	0.055	-----									
128608	258 272	0.045	-----									
128609	258 272	0.030	-----									
128610	258 272	0.030	-----									
128611	258 272	0.035	-----									
128612	258 272	0.030	-----									
128613	258 272	0.060	-----									
128614	258 272	0.065	-----									
128615	258 272	0.145	-----									
128616	258 272	0.120	-----									
128617	258 272	0.130	-----									
128618	258 272	0.235	-----									
128619	258 272	0.160	-----									
HIGH STD.	214 --	1.370	-----									
128620	258 272	0.145	-----									
128621	258 272	0.065	-----									
128622	258 272	0.125	-----									
128623	258 272	0.145	-----									
128624	258 272	0.170	-----									
128625	258 272	0.085	-----									
128626	258 272	0.210	-----									
128627	258 272	0.555	-----									
128628	258 272	0.170	-----									
128629	258 272	0.310	-----									
128630	258 272	0.305	-----									
128631	258 272	0.110	-----									
128632	258 272	0.220	-----									
128633	258 272	0.130	-----									
128634	258 272	0.155	-----									
128635	258 272	0.280	-----									
128636	258 272	0.475	-----									
128637	258 272	0.100	-----									
128638	258 272	0.155	-----									
LOW STD.	214 --	0.460	-----									

CERTIFICATION:

*David Vornh*





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

o: CYPRUS CANADA INC.

322 WATER ST.  
VANCOUVER, BC  
V6B 1B6

Project : AXELGOLD  
Comments: ATTN: DAVID BROUGHTON

Page Number : 2  
Total Pages : 2  
Certificate Date: 12-AUG-96  
Invoice No. : 19627619  
P.O. Number :  
Account : MVM

## CERTIFICATE OF ANALYSIS

### A9627619

SAMPLE	PREP CODE	Au g/t FA/AA R	Au check								
128639	258 272	0.075	-----								
128640	258 272	0.090	-----								
128641	258 272	0.120	-----								
128642	258 272	0.060	-----								
128643	258 272	0.070	-----								
128644	258 272	0.110	-----								
128645	258 272	0.070	-----								
128646	258 272	0.050	-----								
128647	258 272	0.055	-----								
128648	258 272	0.085	-----								
128649	258 272	0.130	-----								
128650	258 272	0.125	-----								
128651	258 272	0.120	-----								
128652	258 272	0.440	-----								
128653	258 272	0.650	-----								
128654	258 272	0.320	-----								
128655	258 272	0.655	-----								
128656	258 272	0.420	-----								
128657	258 272	0.270	-----								
HIGH STD.	214 --	2.13	-----								
128658	258 272	0.200	-----								
128659	258 272	0.150	-----								
128660	258 272	0.105	-----								
128661	258 272	0.100	-----								
128662	258 272	0.165	-----								
128663	258 272	0.670	-----								
128664	258 272	0.320	-----								
128665	258 272	0.155	-----								
128666	258 272	0.080	-----								
128667	258 272	0.040	-----								
128668	258 272	0.055	-----								
128669	258 272	0.095	-----								
128670	258 272	0.120	-----								

CERTIFICATION:

*David Broughton*



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To: CYPRUS CANADA INC.  
ATTN: TRACY HURLEY  
322 WATER ST.  
VANCOUVER, BC  
V6B 1B6

A9628326

Comments: ATTN: TRACY HURLEY

**CERTIFICATE**

**A9628326**

(MVMH) - CYPRUS CANADA INC.

Project: AXELGOLD  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 22-AUG-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	19	Assay ring to approx 150 mesh
294	19	4-7 Kg crush and split
3202	19	Rock - save entire reject
220	19	Transferring charge
231	19	4-6 Kg -60 mesh crush
214	1	Rcvd as pulp; mesh size checked
219	19	Drying charge (4-7 Kg)

\* NOTE 1:

Code 1000 is used for repeat gold analyses  
It shows typical sample variability due to  
coarse gold effects. Each value is  
correct for its particular subsample.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
494	20	Au g/t: Fuse 30 g sample	FA-AAS	0.005	12.00
1350	0	Au check analysis		0.005	10000



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ATTN: TRACY HURLEY  
322 WATER ST.  
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V6B 1B6

Project: AXELGOLD  
Comments: ATTN: TRACY HURLEY

Page ber : 1  
Total Pages : 1  
Certificate Date: 22-AUG-96  
Invoice No. : 19628326  
P.O. Number :  
Account : MVMH

## CERTIFICATE OF ANALYSIS

## A9628326

SAMPLE	PREP CODE	Au g/t FA+AA	Au check								
128671	208 294	0.070	-----								
128672	208 294	0.135	-----								
128673	208 294	0.035	-----								
128674	208 294	0.085	-----								
128675	208 294	0.040	-----								
128676	208 294	0.050	-----								
128677	208 294	0.040	-----								
128678	208 294	0.065	-----								
128679	208 294	0.065	-----								
128680	208 294	0.100	-----								
128681	208 294	0.095	-----								
128682	208 294	0.155	-----								
128683	208 294	0.085	-----								
128684	208 294	0.240	-----								
128685	208 294	0.115	-----								
128686	208 294	0.100	-----								
128687	208 294	0.195	-----								
128688	208 294	0.065	-----								
128689	208 294	0.090	-----								
HIGH STD.	214 --	1.290	-----								

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: CYPRUS CANADA INC.  
ATTN: TRACY HURLEY  
322 WATER ST.  
VANCOUVER, BC  
V6B 1B6

A9630632

Comments: ATTN: TRACY HURLEY

**CERTIFICATE**

**A9630632**

(MVMH) - CYPRUS CANADA INC.

Project:  
P.O. #:

Samples submitted to our lab in Vancouver, BC.  
This report was printed on 11-SEP-96.

## SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	71	Assay ring to approx 150 mesh
294	71	4-7 Kg crush and split
3202	71	Rock - save entire reject
231	71	4-6 Kg -60 mesh crush
214	3	Rcvd as pulp; mesh size checked

\* NOTE 1:

Code 1000 is used for repeat gold analyses  
It shows typical sample variability due to  
coarse gold effects. Each value is  
correct for its particular subsample.

## ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
494	74	Au g/L: Fuse 30 g sample	FA-AAS	0.005	12.00
1350	2	Au check analysis		0.005	10000



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Page ber : 1  
Total Pages : 2  
Certificate Date: 11-SEP-96  
Invoice No. : 19630632  
P.O. Number :  
Account : MVMH

Project :  
Comments: ATTN: TRACY HURLEY

## CERTIFICATE OF ANALYSIS

## A9630632

SAMPLE	PREP CODE	Au g/t FA+AA	Au check								
128701	208 294	0.020	-----								
128702	208 294	0.020	-----								
128703	208 294	0.040	-----								
128704	208 294	0.070	-----								
128705	208 294	0.085	-----								
128706	208 294	0.070	-----								
128707	208 294	0.075	-----								
128708	208 294	1.540	1.700								
128709	208 294	1.170	1.140								
128710	208 294	0.260	-----								
128711	208 294	0.065	-----								
128712	208 294	0.230	-----								
128713	208 294	0.135	-----								
128714	208 294	0.045	-----								
128715	208 294	0.080	-----								
128716	208 294	0.020	-----								
128717	208 294	0.035	-----								
128718	208 294	0.065	-----								
128719	208 294	0.010	-----								
HIGH STD.	214 --	1.480	-----								
128720	208 294	0.005	-----								
128721	208 294	0.010	-----								
128722	208 294	0.015	-----								
128723	208 294	0.035	-----								
128724	208 294	0.015	-----								
128725	208 294	0.035	-----								
128726	208 294	0.030	-----								
128727	208 294	0.025	-----								
128728	208 294	0.020	-----								
128729	208 294	0.015	-----								
128730	208 294	0.045	-----								
128731	208 294	0.025	-----								
128732	208 294	0.015	-----								
128733	208 294	0.015	-----								
128734	208 294	< 0.005	-----								
128735	208 294	0.040	-----								
128736	208 294	0.160	-----								
128737	208 294	0.045	-----								
128738	208 294	0.030	-----								
LOW STD.	214 --	0.475	-----								

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

212 Brooksbank Ave., North Vancouver  
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Page ber :2  
Total Pages :2  
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## CERTIFICATE OF ANALYSIS

A9630632

SAMPLE	PREP CODE	Au g/t FA+AA	Au check									
128739	208 294	0.075	-----									
128740	208 294	0.010	-----									
128741	208 294	< 0.005	-----									
128742	208 294	< 0.005	-----									
128743	208 294	< 0.005	-----									
128744	208 294	< 0.005	-----									
128745	208 294	< 0.005	-----									
128746	208 294	0.105	-----									
128747	208 294	0.015	-----									
128748	208 294	< 0.005	-----									
128749	208 294	0.085	-----									
128750	208 294	< 0.005	-----									
128751	208 294	0.095	-----									
128752	208 294	0.075	-----									
128753	208 294	0.010	-----									
128754	208 294	0.035	-----									
128755	208 294	0.105	-----									
128756	208 294	0.075	-----									
128757	208 294	0.085	-----									
HIGH STD.	214 --	1.350	-----									
128758	208 294	0.060	-----									
128759	208 294	0.035	-----									
128760	208 294	0.015	-----									
128761	208 294	0.050	-----									
128762	208 294	0.170	-----									
128763	208 294	0.100	-----									
128764	208 294	0.190	-----									
128951	208 294	0.030	-----									
128952	208 294	0.025	-----									
128953	208 294	0.120	-----									
128954	208 294	0.100	-----									
128955	208 294	0.140	-----									
128956	208 294	0.070	-----									
128957	208 294	0.025	-----									

CERTIFICATION:

*Tracy Hurley*



# Bondar Clegg

## Inchcape Testing Services

# Geochemical Lab Report

REPORT: V96-01594.0 ( COMPLETE )

REFERENCE:

CLIENT: CYPRUS CANADA INC.

SUBMITTED BY: CHEMEX

PROJECT: AXELGOLD

DATE PRINTED: 27-SEP-96

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30 Gold	20	5 PPB	Fire Assay of 30g	30g Fire Assay - AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
P PREPARED PULP	20	4 AS RECEIVED	20	AS RECEIVED	20
				PULP HANDLING	20

REMARKS: Check samples received from Chemex.  
 Note: Sample id's have been entered.  
 This is the final version.

REPORT COPIES TO: 322 WATER ST. 2ND FLOOR

INVOICE TO: 322 WATER ST. 2ND FLOOR



# Bondar Clegg Inchcape Testing Services

## Geochemical Lab Report

CLIENT: CYPRUS CANADA INC.  
REPORT: V96-01594.0 ( COMPLETE )

PROJECT: AXELGOLD  
DATE PRINTED: 27-SEP-96 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
P4 128505		81
P4 128513		32
P4 128522		12
P4 128534		18
P4 128537		141
P4 128563		16
P4 128593		115
P4 128918		10
P4 128943		35
P4 128602		46
P4 128623		145
P4 128631		103
P4 128639		78
P4 128655		139
P4 128701		24
P4 128710		296
P4 128723		37
P4 128735		38
P4 128756		66
P4 128956		72





# Bondar Clegg Inchcape Testing Services

## Geochemical Lab Report

CLIENT: CYPRUS CANADA INC.

REPORT: V96-01594.0 ( COMPLETE )

PROJECT: AXELGOLD

DATE PRINTED: 27-SEP-96

PAGE 2

STANDARD NAME	ELEMENT UNITS	Au30 PPB
ANALYTICAL BLANK		<5
Number of Analyses		1
Mean Value		2.5
Standard Deviation		-
Accepted Value		5
Gannet Standard		380
Number of Analyses		1
Mean Value		380.4
Standard Deviation		-
Accepted Value		410



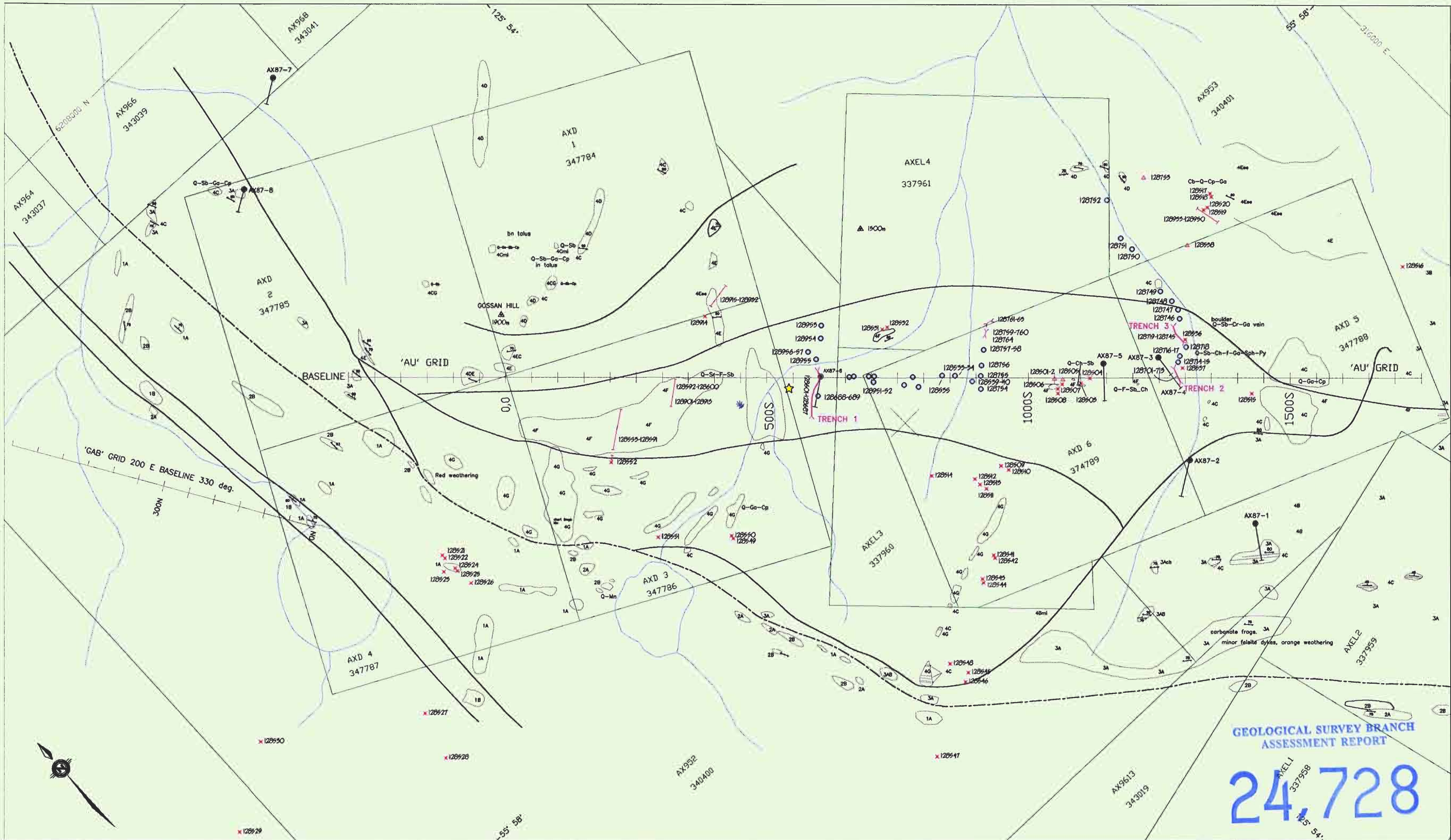
# Bondar Clegg Inchcape Testing Services

## Geochemical Lab Report

CLIENT: CYPRUS CANADA INC.  
REPORT: V96-01594.0 ( COMPLETE )

PROJECT: AXELGOLD  
DATE PRINTED: 27-SEP-96      PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB
128537		141
Duplicate		172



GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

24,728

Geology (after Imperial Metals Corp.)

- INTRUSIVES (Mesozoic or younger)**
- 4A Basaltic Dyke
  - 4B Augite syenite, andesite and basalt dykes
  - 4C Felsite, buff weathering silica and Fe carb-rich massive and dyke-like
  - 4D Lapill tuff
  - 4E Sheared and sericitic syenite porphyry, yellow weathering
  - 4F Megacrystic syenite porphyry
  - 4G Dacite porphyry

- INTRUSIVE (Late Proterozoic, Trembleur ultramafics)**
- 2A Serpentinite
  - 2b Quartz-talc-carbonate with mariposite
- TAKLA GROUP (Upper Triassic-Jurassic)**
- 3A Conglomerate, variably carbonitized
  - 3B Siltstone and wacke
- CACHE CREEK GROUP (Late Paleozoic)**
- 1A Phyllites and metavolcanics
  - 1B Limestone

LEGEND

- CONTINUOUS BEDROCK GRAB SAMPLE
- BEDROCK SAMPLE
- FLOAT (TALUS) SAMPLE
- 1996 TEST PIT SAMPLE NUMBER
- TRENCH 2
- 1996 TRENCHES
- DRILL HOLE
- ELEVATION POINT
- CAMP SITE

- GEOLOGICAL CONTACT
- FAULT
- OUTCROP
- SCHISTOSITY
- BEDDING

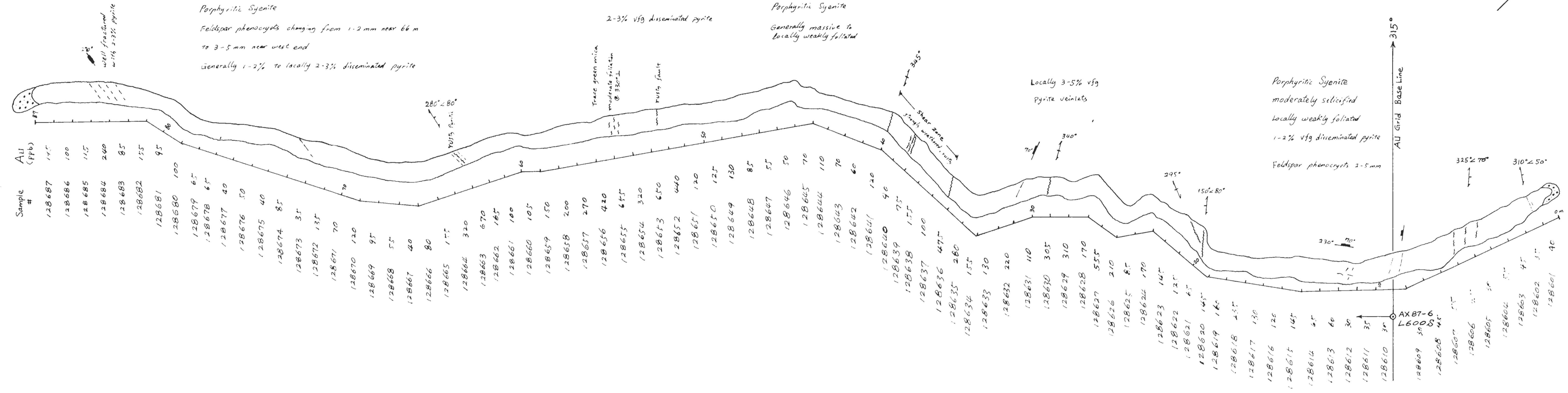
**Cyprus Canada Inc.**  
A Cyprus Amax Company

AXELGOLD PROPERTY  
COMPILATION MAP

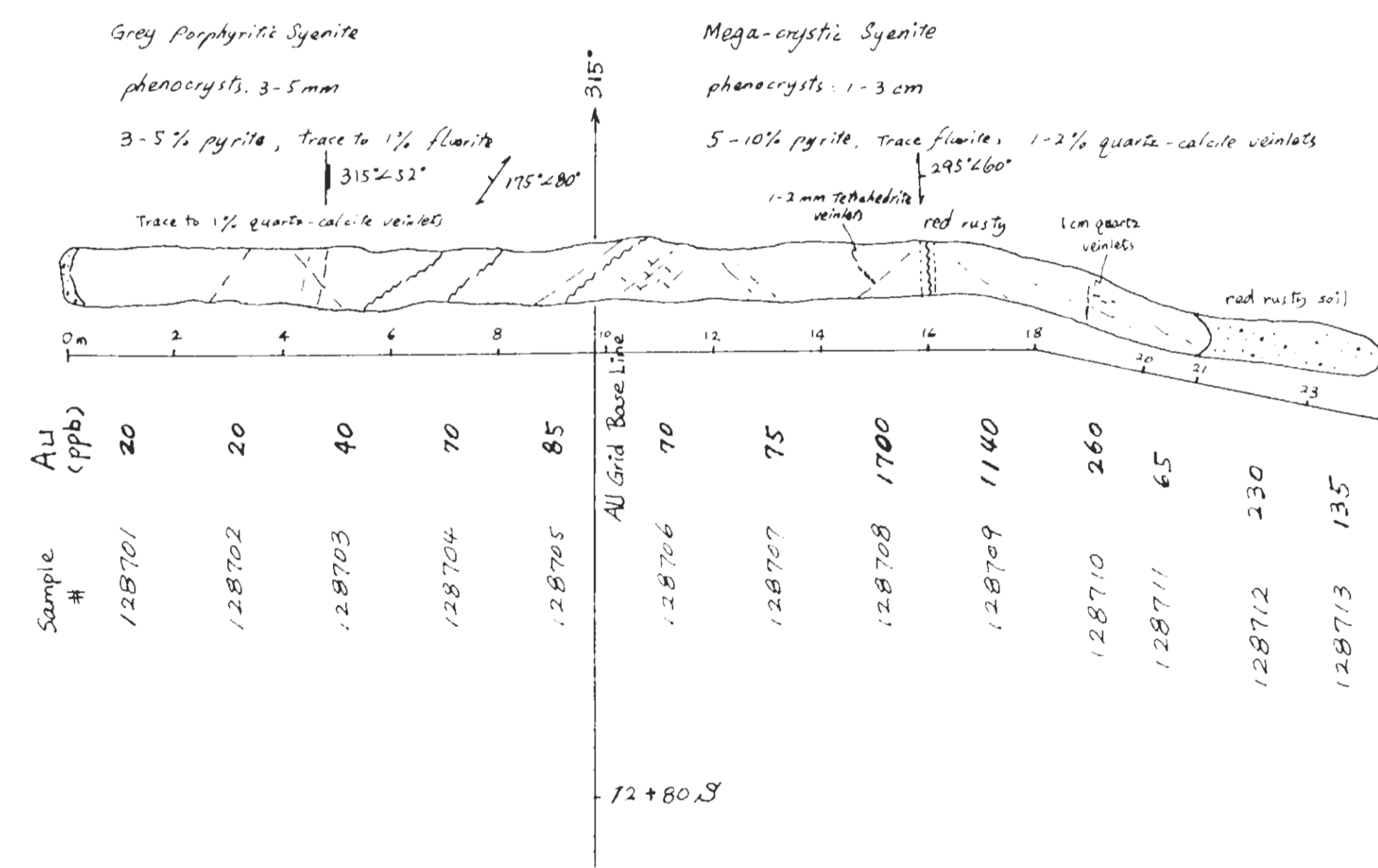
Project: Axgold	Checked: DMH 25-NOV-96	Mining Division: Omineco	Drawing: AX-1996.DWG
Revised: JXD 11-SEP-96	Scale: 1:4000	Province: British Columbia	N.T.S.
0 100 200 metres		Map: 1	

# AXELGOLD PROJECT 1996 TRENCHING PLANS

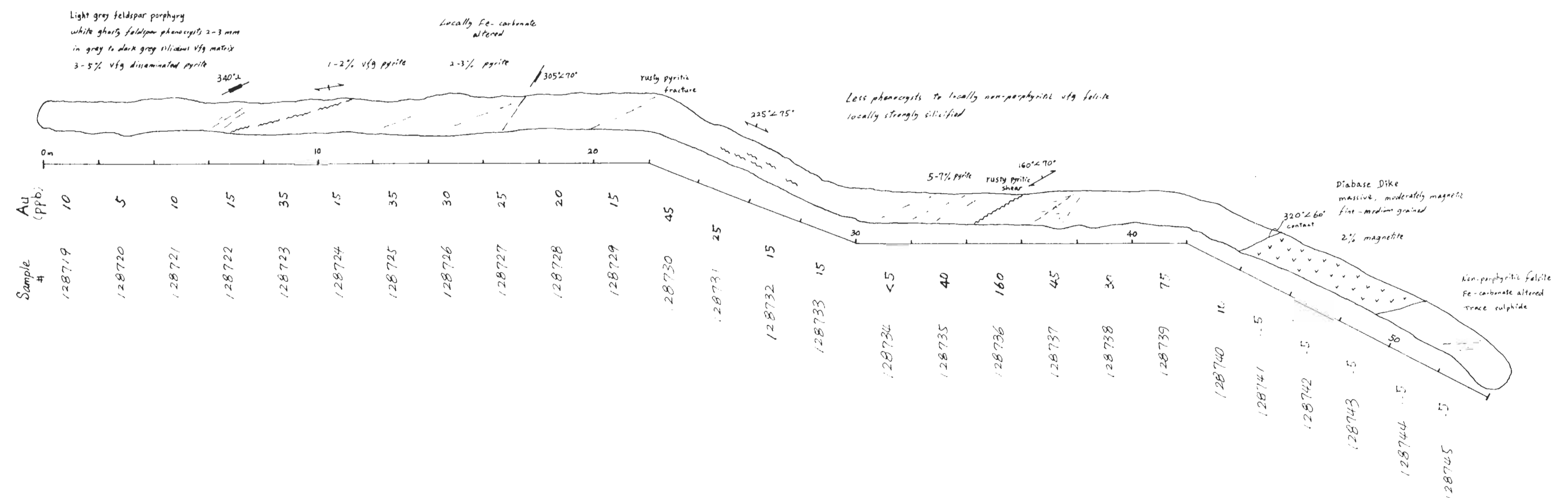
Axelgold Trench #1 Plan  
1:100



Axelgold Trench #2 Plan  
1:100



Axelgold Trench #3 Plan  
1:100



Legend

- Fracture with dip
- Fracture-vertical
- Shear fabric, foliation with dip
- Shear fabric, foliation-vertical
- Geological contact
- Fracture
- Fault - Shear fault
- Small shear fault
- Foliation
- Diamond drill hole

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

# 24,728

Cyprus Canada Inc.  
A Cyprus Amex Company

AXELGOLD PROJECT  
1996 TRENCHING PLANS

Drawn: 06-NOV-96 JXD	Checked: 06-NOV-96 TDH	Mining Division: Qminedco	Drawing: TRENCH.DWG
Revised:	Scale: 1:100	Province: British Columbia	NTS: 93N/13W
0 5 10 M			FIGURE: MAP 2