



Bergvesenet

Postboks 3021, N-7441 Trondheim

Rapportarkivet

Bergvesenet rapport nr 4687	Intern Journal nr 1300/98 2245/98	Internt arkiv nr	Rapport lokalisering	Gradering Åpen
Kommer fra ..arkiv	Ekstern rapport nr	Oversendt fra Gunder Åsland Hans K Hauge	Fortrolig pga	Fortrolig fra dato:
Tittel Analyser fra Prins Fredrik Gruve i Årdal				
Forfatter		Dato År 1998	Bedrift (Oppdragsgiver og/eller oppdragstaker) Ecuanor AS Anfin Gunder Åsland Hans K Hauge	
Kommune Årdal	Fylke Sogn og Fjordane	Bergdistrikt	1: 50 000 kartblad 15174	1: 250 000 kartblad Årdal
Fagområde Geokjemi		Dokument type	Forekomster (forekomst, gruvefelt, undersøkelsesfelt) Prins Fredriks gruve	
Råstoffgruppe Malm/metall	Råstofftype Au Cu			
Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse Analyseresultater fra Prins Fredriks gruve men uten klar lokalitetsangivelse.				

Drins Gudriks Gure, River sand via Ecuador Island



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: ECUANOR, S.A.

ALONSO JERVIS 134 y ORELLANA, CASILLA 17-07-9312
QUITO, ECUADOR

Project:
Comments: ATTN: TOR BRULAND

Page Number : 1-A

Page Number : 1
Total Pages : 1
Certificate Date: 06-JUL-98
Invoice No. : 19823108
P.O. Number :
Account : MUF

CERTIFICATE OF ANALYSIS

A9823108

CERTIFICATE OF ANALYSIS										A9823108	
SAMPLE	PREP CODE	Cu %									
6	244 --	4.68									
DECOVESENET Lab. No. 1300/98 Assay: N2i Urg. Lab.: Sakbeh.: PR 24 JUL 1998 BL			SITT KOPI								

Signature

P. 2

FROM ECUADOR S. A. 593 2 502 593

7-15-1998 5:17PM



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 Page Number : 1-B
 Total Pages : 1
 Certificate Date: 08-JUL-98
 Invoice No. : 19822520
 P.O. Number :
 Account : MUF

* PLEASE NOTE

CERTIFICATE OF ANALYSIS

A9822520

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	205 226	1	0.04	21	3010	4	< 2	3	319	0.10	< 10	< 10	50	< 10	110
2	205 226	2	0.01	14	810	2	2	3	459	0.06	< 10	< 10	100	< 10	36
3	205 226	1	0.01	13	890	6	2	4	606	0.08	< 10	< 10	90	< 10	30
4	205 226	1	0.01	18	1310	6	4	5	725	0.12	< 10	< 10	48	< 10	54
5a	205 226	1	0.03	9	750	8	< 2	3	954	0.11	< 10	< 10	33	< 10	22
5b	205 226	1	0.02	13	1010	< 2	2	3	521	0.09	< 10	< 10	32	< 10	46
5	205 226	4	0.10	6	Intf*	< 2	10	1	167	0.07	< 10	< 10	1550	< 10	12

* INTERFERENCES: HIGH Cu ON BI AND P

CERTIFICATION:

NOTATT FROM 593 2 502 593



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CERTIFICATE OF ANALYSIS

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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
1	205 226	< 5	< 0.2	3.11	< 2	130	< 0.5	< 2	1.29	< 0.5	27	43	175	4.17	10	< 1	0.02	< 10	2.49	605
2	205 226	10	< 0.2	4.15	< 2	140	1.5	< 2	2.93	< 0.5	11	17	83	1.20	< 10	< 1	0.14	< 10	0.77	260
3	205 226	< 5	< 0.2	4.42	< 2	100	0.5	< 2	5.21	< 0.5	9	22	148	1.31	< 10	< 1	0.14	< 10	0.77	310
4	205 226	< 5	< 0.2	3.84	< 2	140	0.5	< 2	2.63	< 0.5	16	32	86	2.17	10	< 1	0.09	< 10	1.34	470
5a	205 226	< 5	< 0.2	5.32	< 2	210	0.5	< 2	7.22	< 0.5	7	21	54	1.41	< 10	< 1	0.19	< 10	0.44	380
5b	205 226	< 5	< 0.2	3.41	< 2	70	< 0.5	< 2	2.69	< 0.5	12	29	35	1.80	< 10	< 1	0.09	< 10	1.16	400
6	205 226	< 5	4.6	1.67	< 2	80	0.5	Inter*	1.11	< 0.5	4	40	>10000	0.47	< 10	< 1	0.07	< 10	0.43	120

* INTERFERENCES: HIGH Cu ON BI AND P

CERTIFICATION:

Handwritten signature: Hans Biedle

NOTARY PER 893 2 902 593

A9834765 - CERTIFIED

CLIENT: ECUADOR S.A.

of SAMPLES: 5

DATE RECEIVED: 27-OCT-98

PROJECT:

CERTIFICATE COMMENTS: ATTN: TOR BRULAND

Ecuador i Kristiansand S.

SAMPLE
DESCRIP
SAMPLE NO.1
SAMPLE NO.2
SAMPLE NO.3
SAMPLE NO.4
SAMPLE NO.5

4001 Ag ppm	4002 Al %	4003 As ppm	4004 Ba ppm	4005 Be ppm	4006 Bi ppm	4007 Ca %	4008 Cd ppm	4009 Co ppm	4010 Cr ppm	4011 Cu ppm	4012 Fe %	4013 Hg ppm
21	0.98	<10	60	<5	Int*	0.46	<5	<5	50	122000	12.2	<10
7	1.49	<10	600	<5	Int*	0.93	<5	<5	50	80400	8.04	<10
1	2.23	<10	140	<5	Int*	1.98	<5	<5	10	98300	9.83	<10
54	2.72	<10	220	<5	Int*	1.68	<5	<5	20	65400	6.54	<10
30	1.29	<10	60	<5	Int*	0.75	<5	<5	<10	218000	21.8	<10

Jobber
↓
Cu

4013	4014	4015	4016	4017	4018	4019	4020	4021	4022	4023	4024	4025	4026	4027	4028	4029	4030
Hg	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Ti	U	V	W	Zn
ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
<10	0.10	0.43	140	5	0.18	<5	Int*	<5	20	<5	75	0.06	<20	<20	<20	Int*	165
<10	0.12	0.23	120	<5	0.10	<5	Int*	<5	10	<5	290	0.09	<20	<20	220	Int*	65
<10	0.07	0.88	360	<5	0.10	<5	Int*	<5	10	<5	340	0.09	<20	<20	200	Int*	55
<10	0.18	0.24	130	<5	0.10	<5	Int*	<5	<10	<5	155	0.07	<20	<20	100	Int*	50
<10	0.07	0.22	100	<5	0.08	<5	Int*	<5	10	<5	80	0.08	20	20	80	Int*	130