



BONDAR-CLEGG

Geochemical
Lab Report

89-1404

RECEIVED JUL 08 1985

REPORT: 055-0886

PROJECT: 15001

PAGE 1

| SAMPLE NUMBER | ELEMENT UNITS | WT GMS | Ag PPM | Au PPM |
|---------------|---------------|--------|--------|--------|
| PO A21735 | | 30.00 | | 0.180 |
| PO A21736 | | 30.00 | | 0.180 |
| PO G10277 | | 30.00 | 0.2 | <0.005 |

889-1404
83



BONDAR-CLEGG

Geochemical
Lab Report

REPORT: 055-0886 (COMPLETE)

REFERENCE INFO: REQ.#15026

CLIENT: AMAX
PROJECT: 15001

SUBMITTED BY: ROWE
DATE PRINTED: 2-JUL-85

| ORDER | ELEMENT | NUMBER OF ANALYSES | LOWER DETECTION LIMIT | EXTRACTION | METHOD |
|-------|----------------|--------------------|-----------------------|-------------------|-------------------|
| 1 | WT FIRE WEIGHT | 3 | 0.01 GMS | | |
| 2 | Ag Silver | 1 | 0.2 PPM | HNO3-HCL HOT EXTR | Atomic Absorption |
| 3 | Au Gold | 3 | 0.001 PPM | | Fire Assay AA |

| SAMPLE TYPES | NUMBER | SIZE FRACTIONS | NUMBER | SAMPLE PREPARATIONS | NUMBER |
|-----------------|--------|----------------|--------|---------------------|--------|
| P PREPARED PULP | 3 | 0 NONE | 3 | AS RECEIVED, NO SP | 3 |

REPORT COPIES TO: MR. L.D. MULLEN
MS. E.J. ROWE

INVOICE TO: MS. E.J. ROWE

ATA

AURO-TECH ASSAYING • 5158 PARFET ROAD • WHEAT RIDGE, CO 80033 • (303) 431-4563

AMAX RESEARCH & DEVELOPMENT
5950 McIntyre Street
Golden, CO 80401

ATTN: Mr. Francis Pitard

May 31, 1985

Sir:

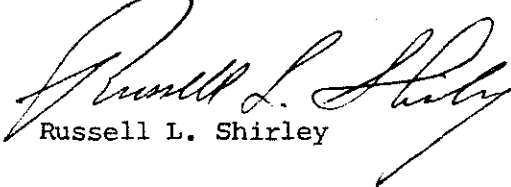
Analyses report for one sample submitted by you on May 29.

Project # 62 ATA # 1583 one pulp for AuAg fire assay

Job # 80094 D.P. # 179-85

| <u>ATA #</u> | <u>AMAX R & D #</u> | <u>Au ppm</u> | <u>Ag ppm</u> |
|--------------|-------------------------|---------------|---------------|
| 1583-1 | 80096-1 G 10277 | (0.07 | (0.07 |

Sincerely,


Russell L. Shirley

AMAX

EXTRACTIVE RESEARCH & DEVELOPMENT INC.
5950 McINTYRE STREET, GOLDEN, COLORADO 80401
303-279-7636

ANALYTICAL REPORT

JOB NUMBER

80094

DATE SUBMITTED 5-24-85
DATE COMPLETED _____
WORKING PLACE NUMBER 6880
DEPT. NO. 200

SUBMITTED BY F. PITARD EXT. 373
COPIES TO: _____
SAMPLE PREP. YES NO

SUBMITTER'S COMMENTS: Combine the three sample into one composite provide a 150 gram sample -150 mesh

DESIRED ACCURACY: _____
ROUTINE DEVIATE G. MEARS HIGH CARBONATE Angie AUR AUTHORIZED BY CH.

| SAMPLE IDENTIFICATION | Si | EST. | Al | EST. | Ca | EST. | Mg | EST. | Na | EST. | K | EST. | SAMPLE MATRIX/COMPOSITION (e.g. pH, MAJOR IONS, ELEMENTS, ETC.) |
|-----------------------|--------------|---------|--------|-----------------------------|-------|-------|--------|-------|-----|------|---------|------|--|
| | 1 | G-10277 | 0.158% | 0.03% | 38.5% | 0.26% | 0.131% | 0.02% | | | | | |
| 2 | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | ppm | | ppm | | | | |
| 5 | | Fe | | Au | | Ag | Hg | | As | | B | | |
| 6 | G-10277 | 0.245% | | | | | .15 | | 15 | | <0.001% | | |
| 7 | Q.C. RPT. #1 | | | | | | .14 | | 13 | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | Li | | LOI on SAMPLE 'AS RECEIVED' | | | | | | | | | |
| 11 | G-10277 | 0.011 | | 42.3% | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |

| ANALYST'S SIGNATURE(S) | CODE | DATE | DETER. | METHOD | COMMENTS |
|------------------------|-----------|------------------|-------------|--|---------------------|
| <u>AM</u> | <u>C3</u> | <u>28 MAY 85</u> | | <u>PREP.</u> | <u>0.5</u> |
| <u>J. Mearns</u> | <u>19</u> | <u>6-3-85</u> | <u>prep</u> | <u>LiBOz</u> | <u>1g/100ml 10X</u> |
| <u>BND</u> | <u>68</u> | <u>6-21-85</u> | <u>Hg</u> | <u>Cold Vapor A.A. STD. ADD.</u> | |
| | | | <u>As</u> | <u>GRAPHITE FURNACE A.A. STD. ADD.</u> | <u>0.5HR</u> |
| | | | <u>LOI</u> | <u>GRAV.</u> | |

Deymonaz
RECEIVED

TYPE OF SAMPLE

- W=Water, S=Soil
- SS=Stream Sediment
- V=Vegetation
- R=Rock
- DR=Dump Rock
- DF=Dump Fines
- CR=Core
- CM=Composite
- P=Pulp

ABBREVIATIONS

- Alk=K₂O, Na₂O, CaO
- T.E=Trace Elements (Standard elements unless defined otherwise)
- t=Total; tMo, tS ox=Oxide
- s=Sulfide; as sNi
- ns=Non-Sulfide; as nsCu
- S=Cu, Mo, Pb, Zn, Ag
- IO=S + Co, Ni, Fe, Mn, Cd
- B=Bauxite analyses % SiO₂, LOI, Al₂O₃, Fe₂O₃

JUN 24 1985

NY 15022

RECEIVED JUN 24 1985

REQUISITION FOR ANALYTICAL WORK

(REFER TO REQUISITION NO. IN ALL CORRESPONDENCE)

TO: (LAB AND ADDRESS) AMAX LTD

A TOTAL OF 1 HAS BEEN SHIPPED VIA HC ON 5-22-85
(No. of Boxes or Sacks) (Carrier) (Date)

LAB JOB No. _____ REPORT DATED _____ AMAX PROJECT No. 33026

| SAMPLE NUMBERS | ASSAYS (%) | | | | | | GEOCHEMICAL (ppm) | | | | | | OTHER | | |
|----------------|------------|----------|-----|-----|----|----------|-------------------|----|----|----|----|---|----------|-----|------|
| | No. | Type | tMo | MoS | Cu | (3) | (1) | Au | Ag | As | Sb | S | (3) | Alk | T.E. |
| <u>G-10277</u> | <u>1</u> | <u>R</u> | | | | <u>✓</u> | <u>✓</u> | | | | | | <u>✓</u> | | |
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TOTAL SAMPLES _____ REJECTS: Save Discard (RETURN ALL PULPS TO _____ OFFICE)

SAMPLES MISSING _____

SPECIAL INSTRUCTIONS OR REMARKS Sample is Hi Carbonate Rock
(1)= ICP analysis including Si, Al, Ca, Mg, Na, K, Fe
(2)= Au, Ag, Hg, As, B, Li
(3)= LOI
All such as same sample

SEND COPIES OF RESULTS TO: (For Geologists Use) Data Received _____ Anal. Cost _____

- J.E. Deymonaz - Steam Reserve
- L.D. Mullen - Golden
- _____

4. AMAX EXPLORATION INC., 5950 McINTYRE STREET, GOLDEN, CO 80403 Tel. (303) 279-7636

Original - Quality Control, Golden
 Pink cc - Lab. with sample
 Yellow cc - Regional Office, Golden
 White cc - Retain by sender

REQUESTED BY J.E. Deymonaz (DM)
 DATE 5-22-85