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James Doyle Sell Mining Collection

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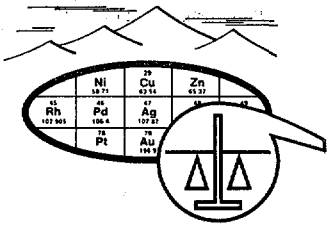
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SKYLINE LABS, INC.
 1775 W. Sahuaro • P.O. Box 50106
 Tucson, Arizona 85703
 (602) 622-4836

REPORT OF ANALYSIS

JOB NO. TAJ 341
 April 13, 1984
 SHIPMENT NO. RSM-1
 JAMES D. SELL
 RSM-RSM
 PAGE 1 OF 1

ASARCO INCORPORATED
 Attn: Mr. Fleetwood R. Koutz
 Southwestern Exploration
 P.O. Box 5747
 Tucson, Arizona 85703

*Roadside Mine
 Mohave Co., AZ*

Analysis of 5 Rock Chip Samples

ITEM	SAMPLE NUMBER	Au (ppm)	Ag (ppm)	Hg (ppm)	As (ppm)
1	RSM-RSM	3.40	9.8	.05	<10.
2	RSM-A	3.60	6.6	.05	10.
3	RSM-B	<.02	<.2	.06	20.
4	RSM-AD-E	<.02	<.2	.04	<10.
5	RSM-AUCHOX	<.02	.6	.03	<10.

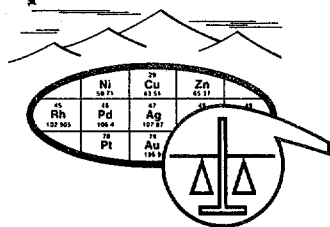
cc: Asarco Incorporated
 Attn.: Mr. James D. Sell
 Southwestern Exploration
 P.O. Box 5747
 Tucson, Arizona 85703

William L. Lehmbek

RECEIVED

APR 16 1984

S. W. U. S. EXPL. DIV.



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REPORT OF SPECTROGRAPHIC ANALYSIS

JOB NO. TAJ 341
April 13, 1984
SHIPMENT NO. RSM-1
JAMES D. SELL
RSM-RSM

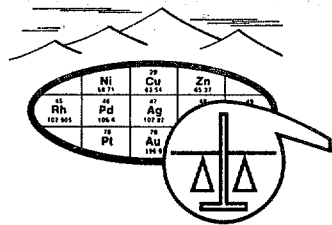
ASARCO INCORPORATED
Attn: Mr. Fleetwood R. Koutz
Southwestern Exploration
P.O. Box 5747
Tucson, Arizona 85703

Analysis of 5 Rock Chip Samples

The attached pages comprise this report of analysis. Values are reported in parts per million (ppm), except where otherwise noted, to the nearest number in the series 1, 1.5, 2, 3, 5, 7, 10, etc. within each order of magnitude. These numbers represent the approximate boundaries and midpoints of arbitrary ranges of concentration differing by the reciprocal of the cube root of ten. The 'accepted' value is considered to be within + or - 1 step of the range reported at the 68 % confidence level and within + or - 2 steps at the 95 % confidence level.

REGISTERED ASSAYER
CERTIFICATE NO. 9425
WILLIAM L. LEHMBECK
Signature: William L. Lehbeck
Manager
Arizona, U.S.A.

cc: Asarco Incorporated
Attn.: Mr. James D. Sell
Southwestern Exploration
P.O. Box 5747
Tucson, Arizona 85703



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JOB NO. TAJ 341
 PAGE 2

ITEM NO. SAMPLE NO.
 1 = RSM-RSM
 2 = RSM-A
 3 = RSM-B
 4 = RSM-AD-E
 5 = RSM-AUCHOX

ITEM	1	2	3	4	5
ELEMENT					
Fe	2%	3%	7%	3%	10%
Ca	3%	.5%	1.5%	>20%	.5%
Mg	.2%	.3%	.7%	.5%	1%
Ag	15	15	<1	<1	<1
As	<500	<500	<500	<500	<500
B	<10	<10	<10	10	20
Ba	150	150	700	700	100
Be	70	30	2	<2	3
Bi	<10	<10	<10	<10	<10
Cd	<50	<50	<50	<50	<50
Co	5	<5	7	<5	10
Cr	50	10	15	20	20
Cu	2	7	10	5	3
Ga	<10	<10	20	10	20
Ge	<20	<20	<20	<20	<20
La	<20	<20	30	<20	50
Mn	700	300	2000	2000	500
Mo	<2	<2	<2	<2	30
Nb	<20	<20	20	<20	20
Ni	<5	<5	<5	<5	5
Pb	<10	<10	30	10	<10
Sb	<100	<100	<100	<100	<100
Sc	<10	<10	15	<10	15
Sn	<10	<10	<10	<10	<10
Sr	100	<100	150	<100	<100
Ti	2000	3000	>10000	3000	>10000
V	15	15	50	15	100
W	<50	<50	<50	<50	<50
Y	<10	<10	50	10	20
Zn	<200	<200	<200	<200	<200
Zr	30	50	500	50	500

Roadside AZ
mohave Co

TINTINA MINES LIMITED (TTS-V,T)

PROGRESS ON 4 PROPERTIES UPDATED - C.H. Franklin, president of Tintina Mines Limited, reports that the Red Mountain molybdenum property, held 50-50 with Amoco Canada Petroleum Company Ltd. in Whitehorse mining district, Yukon Territory, has the potential for becoming a major molybdenum source containing estimated drill indicated reserves exceeding 200,000,000 short tons with an average grade of 0.167% MoS₂ at a cut off grade of 0.10% MoS₂.

On Tintina's silver property in Watson Lake mining district, Yukon, data compilation and a final report, recently completed, has led to a new interpretation of structural and stratigraphic controls of mineralization at the property. The current understanding is that sulphide mineralization was deposited as a replacement in 3 separate limestone horizons by silver-lead-zinc (plus or minus/gold) bearing hydrothermal solutions migrating upward through northeasterly fault structures. The proposed genetic model suggests that the mineralization at the property has a considerably greater tonnage potential than previously envisaged.

At a copper property in the Sudbury district, Ontario, previous work is being reassessed with a view to developing it for producing copper and gold-bearing high silica fluxing ore.

On the Titanium property, Allard Lake area, Parker township, Quebec, airborne geophysical surveys flown in July delineated a number of geophysical anomalies which are considered targets for future ground follow-up.

Tintina's working capital stood at \$1,068,450 at 30Sep84.

HUMBOLDT ENERGY CORPORATION (HUT-V,M)

9 MONTHS ENDED SEPTEMBER 30,	1984	1983
Revenue	\$823,422	\$537,700
Cash flow	205,121	76,815
Net Earnings	613,896	113,785
Per Share	1.9¢	0.3¢

PROFIT ROSE MORE THAN FIVE-FOLD

The more than 5-fold increase in the 9-month net earnings of Humboldt Energy Corporation is attributed by management to the significant increase in Humboldt's share of earnings of partially-owned subsidiaries. During the year, the company

increased its interest in Orbit Oil and Gas Ltd. from 18% to 34% thereby reporting a larger share of Orbit's earnings for the third quarter. In addition, earnings of Europa Petroleum Ltd., in which Humboldt holds 42% interest, rose significantly in 1984 resulting in an additional increase in Humboldt's earnings. As well, Humboldt's expenses were reduced by \$287,889 to \$136,026 during the period.

PECOS RESOURCES LTD. (PES-V)

GRANGES EXPLORATION LTD. (GEX-T)

CONTINUED FROM PAGE ONE - A new block of claims has recently been acquired near Mishibishu Lake, 45 miles southeast of the Hemlo gold deposits, Ontario. The geology of the area is very favourable and an active exploration program is planned.

At Hayden Hill in northeastern California where Pecos now has a 50% interest, both pilot-scale heap leaching results and drilling results were positive. The 30,000-ton pilot heap returned over 825 ounces gold in only 6 weeks of continuous operation, for a recovery rate of 55%. A further 15% recovery is expected during 1985, for an ultimate recovery of 70%, a good industry standard for heap leaching. Drilling indicates the main Lookout zone contains in excess of 7,500,000 tons averaging 0.04 ounce gold per ton and the deposit is "open" in several directions. A preliminary open pit plan yielded 6.7 million tons averaging 0.4 ounce gold per ton, with a 1.5/1 waste/ore ratio and with total contract mining costs of \$3.55 per ton. Additional drilling is required.

During 1985, additional metallurgical testing, drilling, bulk sampling, mine planning and permitting is planned for the Providence zone, 175,000 tons averaging 0.06 ounce gold per ton, to initiate production in 1986. Preliminary open pit mine planning had indicated a 1.5/1 waste/ore ratio, and total contract mining costs of \$7.05 per ton. It is planned to complete metallurgical testing of bulk samples from 10 of the remaining 70,000 tons, plus, of mine dumps during the winter shut-down. The cost of these programs is estimated at \$200,000 U.S. A number of major companies are reviewing the Hayden Hill data, since Lacana decided not to proceed. Management also is completing an independent study to establish a plan for future development wherein Pecos would assemble an operating team to place the Hayden Hill project into large scale commercial production.

The results from extensive drilling at the Dexter Mine, 39% Pecos, 37% Goldbelt Mines, located at Tuscarora, Nevada, are excellent. Preliminary open pit reserves are 2,000,000 tons averaging 0.04 ounce gold per ton and 1.9 ounces silver per ton to a shallow depth of only 250 feet. There is a favourable possibility for developing a profitable, 1,000 ton-per-day heap leaching operation. At current precious metal prices, an operating profit of \$8,000,000 U.S. is estimated from internal engineering and preliminary feasibility studies.

At the Roadside property, 25 miles west of Kingman, Arizona, interesting values were encountered in a reconnaissance drilling program conducted by Pecos during the fall of 1983. Intersections such as 55 feet averaging 0.032 ounce gold per ton and 170 feet averaging 0.017 ounce gold per ton were encountered. Anaconda Minerals Company has entered into an agreement with Pecos to earn a 60% interest by spending U.S. \$1,500,000 on the large property. The geologic environment is similar to the successful Glamis Gold Picacho Mine and the goldfields Mesquite Mine. To date, Anaconda has conducted geological, geochemical and geophysical surveys on the property to establish drill targets and core-drilling is expected to commence during December.

GOLDEN LION RESOURCES LTD. (GIR-V)

ACQUISITION AND FUNDING SOUGHT - Golden Lion Resources Ltd. is seeking to acquire established companies with proven revenue and records in order to establish a solid financial base. To effect this the company has retained Business Buyers International of New Jersey, U.S.A. and is currently analyzing several attractive business opportunities.

Golden Lion is in preliminary negotiations with overseas financial institutions in order to secure long-term financing for such an acquisition. An announcement is expected within 30 days.

FOR THE RECORD

TRADER RESOURCE CORP. (TRR-V) is offering up to 20 flow-through units at \$15,000 each to sophisticated investors to incur Canadian Exploration Expenses and the right to earn 10,000 common shares of Trader. The units will be sold through Yorkton Securities Inc. on a best efforts basis, as agent subject to regulatory approval.

March 16, 1987

MOHAVE COUNTY GOLD "RESERVES" - RESOURCES

?*Kemple Camp: X00,000T @ .0X opt Au; detachment-lower plate Ron Aye
(to be visited) "Min. Eng"
Some drilling, promotion, trailer camp Ken Dobin

* Klondyke - Golden Door Area Combined Metals Reduction Co.
Gary Allen, Geol. (± LTD partnership ?)
Fred Humphrey, Mgr.
Larry Atkinson, Promotor
±800,000T @ 0.07 ± 3/1 w/o CMR-Promotional Estim.
120,000T @ 0.097 1982 Fischer-Watt
(Former CMR partner)

*Portland (Western States Minerals, subsid. Groves Construct.)
±800 TPD open pit/heap leach
or < 1.43 m.t. @ .043 opt Au + 0.68 opt Ag >.01 Au SRD, Asarco 1979
2.2 m.t. @ .033 opt Au + 0.59 opt Ag >.01 Au
0.318 m.t. @ .098 opt Au @ 0.04 c/o, 31' thick Fischer-Watt 1981
+
0.75 m.t. @ .057 probable
0.90 m.t. @ .078 (45,000 oz "available") Pete Drobeck, Mine
Geol. 1985
by mid 1987 will quit mining and will have produced and have
on leach pads 30,000 oz. Au. Both W.States & Jordix Mill
failures; went to heap leach.
Combined Metals will drill 2 miles NE of Portland - Spring 1987
(Jar. + Hem in Volc.)

*Pilgrim (Al Smith) Galli Explor. Assoc. (Coeur d'Alene Mines)
(Ex Tylor/Metcoil-VSE, Galli partners)
Dave Cockrum (Geol) Also Ex-Duval, Fischer-Watt. Galli will drill
Spring/Summer 1987.
Production: 280,532T @ 0.17 opt Au + 0.26 Ag (Recovered)
Tails: ±300,000T @ 0.01-.015 recovery + surf. assay
Reserves: 100,000T @ 0.5 opt (Prob. 0.1-0.15) JDS-GCNL (?)
750,000T @ 0.06 Guess - Fischer-Watt
Good looking HDS-Hermosa Bx + adularia flood: N&E of vn zone in HW

Roadside (Ex-Fischer-Watt 1986)
now: 200,000T @ .03 opt, .01 c/o 2.5/1 w/o (cut ±1/3 by 1986 drilling)
incl: 85,000T @ .045 Have drill data + maps (3/87)

Frisco (Bonelli Family) Doug Bonelli, Eng. want ±10-12% NSR ±Family Feud
(500,000T @ +.05 opt Au JDS (AGS 1984) Shutdown 1985-86

Arabian (Ex Sutton/Crown Resources) 11,000' drilling
530,000T @ 0.06 opt Au (op) ±.3 Ag Meridian 1984
or 800,000T @ 0.045 opt Au (op) ±.3 Ag
On Union Pass Highway (AZ 68). State has condemned part of Pat.
claims for widening highway R.O.W.