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James Doyle Sell Mining Collection

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SUTTON RESOURCES LTD. (STT-V)

Hole	Intercept	Oz. Gold/T
SP-8	0-50 Feet	0.347
SP-9	0-50	0.116
SP-20	0-60	0.133
SP-21	0.57	0.104
SP-22	0.50	0.116
SP-23	0-50	0.105
SP-27	0.40	0.128

GLAMIS GOLD LTD. (GLG-V)

GOLD DRILL RESULTS REPORTED FROM
WASHINGTON HEAP LEACH GOLD PROJECT

Evaluation toward production is continuing at the South Penn heap leach project in the Republic district of NE Washington. In-fill short hole drilling in the pit area has produced the intercepts shown in the table. All holes bottomed in mineralization. The grades reported are all richer than the average 0.059 ounce gold per ton in the 600,000 tons of reserves detailed in GCNL 184(85) P 2.

Leach characteristics of various size fractions are being analysed by the operator, Glamis Gold Ltd.

Sutton and Crown Resource Corp. of Denver, Colorado, share a 20% net profits interest before payout and 40% after payout in this project. Glamis can earn 100% working interest by placing the property in production.

COMPUTALOG GEARHART LTD. (CGH-T)

9 MONTHS ENDED 30 SEPTEMBER	1985	1984
Revenue	\$69,302,000	\$52,728,000
Net Profit	\$9,278,000	\$7,376,000
Per Share	52¢	42¢

CANADIAN UNITED MINERALS, INC. (CUN-V)

CRANBROOK JOINT VENTURE DRILLING RESUMED - Canadian United Minerals, Inc. has resumed drilling on the Cranbrook Joint Venture. Canadian United has a 25% interest in the project which is searching for Sullivan-type lead, zinc, silver mineralization in similar structure and geological setting to that of Cominco's famous mine, some 30 km north. The deep drill program was commenced earlier this season and had intersected expected marker horizons and encouraging alteration and mineralization, before the drill rig then on site proved inadequate for the required depth.

The Dome Mountain project, 20 miles north of Smithers, B.C., continues to return impressive results. A second zone to that previously announced has been discovered. Initial trench samples have assayed 0.22, 0.29, 0.67, 1.11, and 3.04 oz. gold/t. Further drilling is expected in early November.

VANCAP EQUITIES ALBERTA LTD.

6 MONTHS ENDED 30 JUNE	1985	1984
Interest & Dividend Income	\$12,872,978	\$12,434,981
Net Income	\$4,305,335	\$3,760,413
Per Share, Diluted	23¢	20¢

TYLOX RESOURCE CORPORATION (TYX V)

Hole No.	Intersection	Thickness	Oz. Gold/T
P-1	-60d	5-10 Ft.	5 Ft. 0.043
		15-25	10 0.027
		50-60	10 0.036
		110-115	5 0.303
P-2	-60d	10-15	5 0.089
		205-210	5 0.081
P-3	-60d	55-60	5 0.050
P-4	-60d	35-40	5 0.031
		40-45	5 0.021
		45-50	5 0.033
		55-60	5 0.021
		40-45	5 0.125
P-6	-60d	45-50	5 0.039
		60-65	5 0.266
		65-70	5 0.451
		70-75	5 0.049
		75-80	5 0.047
		80-85	5 0.021
		115-120	5 0.027
		130-135	5 0.057

FIRST DRILL HOLES SHOWN
OPEN PIT GOLD POTENTIAL

A 25 foot true thickness of open pit ore averaging 0.167 oz. per ton gold between 60 and 85 feet is the best interval assayed to date from the 17 widely-spaced reconnaissance reserve circulation holes drilled on the Pilgrim property. Bondar-Clegg fire assays have been received for five of the holes (SEE TABLE). The Pilgrim property, a former producing gold mine is located 20 miles northwest of Kingman, Arizona.

The zone being tested is 3,200 feet long, striking northwest/southeast and up to 1,000 feet wide in a easterly/westerly direction. A minimum of 17 holes totalling about 5,000 feet of drilling is being done in the first stage. Upon completion and evaluation of the data from the current drilling, a follow up second stage drill program is planned.

The exploration program is a 50/50 joint venture between Metoil Resource Limited and with Tylox, operator.

FOR THE RECORD

MONICA RESOURCES LTD. president Sydney Belzberg report they have arranged a private placement of 187,500 tax flow-through shares at 16¢ each to conduct mineral exploration in B.C. and has granted the places 1-year warrants to buy 187,500 more shares at 21¢ each.

MCNELLEN RESOURCES, INC. (MNR-V) director George Conn reports that a private placement has been arranged of 300,000 shares at 60¢ each with Transco Services S.A.R.L. of La Rippe, Seitzerland. Transco will also receive non-transferable warrants to buy 150,000 shares at 65¢ each within 1 year. McNeillen has agreed to pay 10% commission to Henk J. Krasenberg of Amsterdam, Holland.

PRIDE RESOURCES LTD. (PDE-V) director Chris Klonarakis, who was appointed to that position and as president on 25 July 85 reports also the appointment of Robert L. Jago as secretary and director on that date. John R. Wilson has resigned as president and David M. St. John as secretary, but both remain directors. Robert E. Schumacher has resigned as a director.

NEW CINCH URANIUM LTD. (NCU-V) reports that all details in connection with the lawsuit by Lac Minerals Ltd. have been finalized and after payment of the settlement and all related legal and other charges and before any outlay for the Larder Lake property in Northern Ontario, the company had a working capital of about \$750,000. New Cinch is participating 50/50 with Dickenson Mines Limited in exploration of an optioned property in the Larder Lake area adjoining the recent Barrick and Canamex gold discoveries to the east. Three thousand feet of drilling is expected to start in early November.

MAW
JOS

al Smith Min
on Kingman

Grasshopper
7 1/2' Grade.

JOS

Barland

Drilling starts
on Arizona bet
for Metoil Res.

JDS



ASARCO EXPLORATION RECORD

JDS
Ex-Taylor/Metol
(Galli Agreement)

FIELD EXAMINATION LITERATURE SEARCH ASARCO FILE _____

Cockrum: 602-565-4486

Section I General Indexing

① Name(s) of Property or Area Pilgrim Mine (Al Smith Mine) (Pat claims at Mine)				② XXXXXX Mohave Co.		③ State or Province Arizona	
④ USGS Quad. Grasshopper 7 1/2		⑤ File or Core No.					
⑥ Latitude 35°24'N	⑦ Longitude 114° 21'W	⑧ AMS Sheet Kingman	Township 23N	Range 19, 20W	Section 7, 12	⑨ Examined by F.R.Koutz	
⑩ Office SWED Tucson						⑪ Date 2/11/87	
						⑫ Field Days 1	

Section II Sources of Information

Date Typed 6/25/87

⑬ References	Date	Title	Publications	Vol. No.
Hastings & Gardner	1936-37	USBM IC-6901 & 6945	Mining-Milling at Pilgrim,	p.51 +p.1-18
Dave Cockrum, Geol.		Galli Res. (Cd'A Mines)	Conversation	2/11/87 (Lives in Chloride)
Asarco Files	1930-32	Pilgrim Mine (+GCNL 10/25/86, 4/3/86)		

Section III Appraisal

⑭ Recommendations <input checked="" type="checkbox"/> Action Now <input type="checkbox"/> Too Low Grade <input type="checkbox"/> Too Small <input checked="" type="checkbox"/> Ownership Problem <input type="checkbox"/> Access Problem <input checked="" type="checkbox"/> Examine data		⑮ Post Producer <input type="checkbox"/> Producer <input type="checkbox"/> Mineral Deposit <input checked="" type="checkbox"/> Prospect <input checked="" type="checkbox"/> (1942) L-208		<input type="checkbox"/> Dissem-Stock Work <input checked="" type="checkbox"/> Geologic Concept <input checked="" type="checkbox"/> Geochem Anomaly <input type="checkbox"/> Geophy Anomaly <input type="checkbox"/> 37°		⑯ Production 100 T PD mill Commodity Au-Ag(UG) 280,532 Tons Grade opt 0.17Au+.26Ag Water Source for Ranches below 5th level	
⑰ Reserves <input type="checkbox"/> Measured Commodity <input type="checkbox"/> Estimated Tons Tails ±300,000 GCNL (?) 100,000 Fischer-Watt 750,000?		<input type="checkbox"/> Grade opt .01-.015 Au 0.1-0.15 .06 Au ?					
⑱ Num. Drill Holes +17 Approx Total Footage ±7000'		⑲ Excavations Incline: 7-levels Flooded below 5th level					
<input type="checkbox"/> Spectro. Analysis Attached		<input type="checkbox"/> Assays Attached		<input type="checkbox"/> Geochem Results Attached			

Section IV Geologic Data

⑳ Commodity or Contained Metals Au-Ag (±1:1) Values erratic UG-Esp. on strike.	
㉑ Ore Minerals-Major py-Au ^o -Ag ^o in late stage greasy yellow-green qtz. -Tr:qn-cpy-TT, sl.	
㉒ Host Rocks-Major Qtz-lat(Hw) Rhyodac. (Fw) Minor Rhyol. Intrus (Fw)	
㉓ Age of Host Rocks Miocene Miocene Miocene	
㉔ Nature of Exposures Fair to good. Pilgrim Mine at Range front. Pediment plus other veins outcrop to E. Rolling hills (200-500' relief). 3600' Elev. VnBx zone 4-25' wide UG)	
㉕ Alteration Qtz vein± adularia. Braided fissure filling - cockade in S end. N end dissem. stockwork w/adularia-Qtz flooding in volc. Bx	
㉖ Structure N30W strike ±35-60°W dip braided listric faults. High angle Fx in Hw & FW Cross Faults locally offset vein zones. Caldron Margin Zone? Vn dips 35°WSW.	
㉗ Ore Occurrence Fissure Vein. 1930's mined multiple parallel qtz vn. Left low-grade intra-vn. blocks other veins to E plus stockwork in FW. Qtz+Adularia flooded Rhyol. Tuff Bx looks like Hardshell-Hermosa	
㉘ Age of Mineralization Miocene	
㉙ Conclusions & Recommendations Galli was mapping/sampling Feb/Mar. for additional zones & planned to drill by fall 87. Galli has 100's of claims in vicinity plus staked more Dec. 86. Potential for other vein/stockwork zones on pediment which Galli will drill. Note that Wm. Wilkenson (Duval) & Fischer-Watt extensively sampled UG+surf. & found only spotty low-grade. FRK has expressed interest to Geologist on property to examine data. Asarco Managers should contact Pete Galli and express interest in Pilgrim Property. FRK was asked (friendly) not to trespass (Ranch & trailers on pat. claims).	

(For additional space use extra sheets)

March 14, 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. (\pm LTD partnership ?)
Fred Humphrey, Mgr.
Larry Atkinson, Promotor
 \pm 800,000T @ 0.07 \pm 3/1 w/o CMR-Promotional Estim.
120,000T @ 0.097 1982 Fischer-Watt
(Former CMR partner)

*Portland (Western States Minerals, subsid. Groves Construct.)
 \pm 800 TPD open pit/heap leach
or $\left\langle \begin{array}{l} 1.43 \text{ m.t. @ } .043 \text{ opt Au} + 0.68 \text{ opt Ag} \end{array} \right\rangle .01 \text{ Au} \right\rangle$ SRD, Asarco 1979
 $\left\langle \begin{array}{l} 2.2 \text{ m.t. @ } .033 \text{ opt Au} + 0.59 \text{ opt Ag} \end{array} \right\rangle .01 \text{ Au} \right\rangle$
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/Metol-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: \pm 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 \pm 1/3 by 1986 drilling)
incl: 85,000T @ .045 Have drill data + maps (3/87)

Frisco (Bonelli Family) Doug Bonelli, Eng. want \pm 10-12% NSR \pm 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) \pm .3 Ag Meridian 1984
or 800,000T @ 0.045 opt Au (op) \pm .3 Ag
On Union Pass Highway (AZ 68). State has condemned part of Pat.
claims for widening highway R.O.W.

JDS

for Bid + Ask Oct 4, 1997



CITY _____	STATE/PROV _____
ZIP/P.C. _____	PHONE _____

MOHAVE GOLD INC.

Pilgrim Mine Project

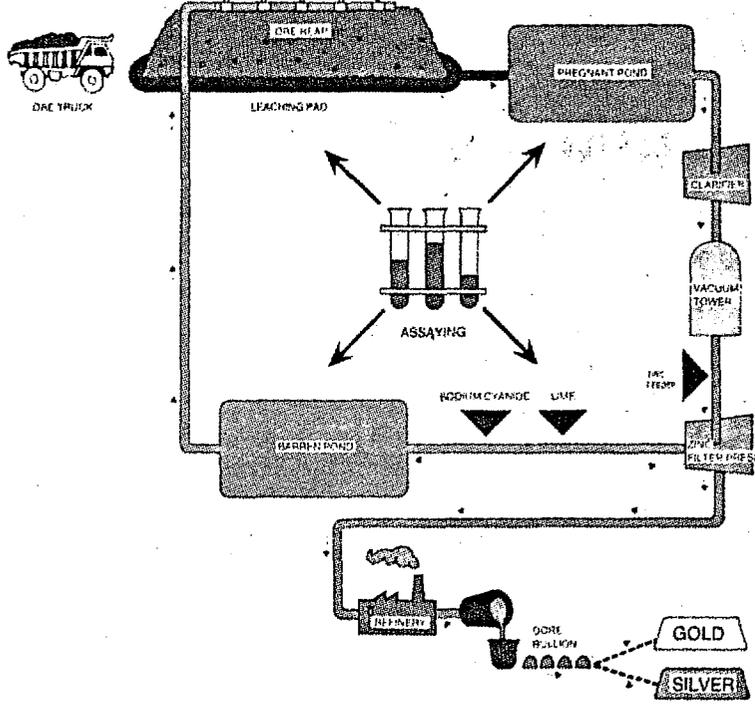
Located 21 miles northwest of Kingman, Arizona, the Pilgrim Mine project consists of five patented and additional claims staked along the exposed length of a structure 1.5 miles long and 400 feet wide. The mine was a profitable producer of gold and silver until 1942 when production ceased permanently because of World War II.

The mine was first discovered in March 1904 and was worked intermittently until 1934, at which time a cyanide mill was constructed that operated until the war. At the time of the government-ordered shutdown of U.S. mining operations, the Pilgrim Mine was operational but no mining has been done since.

Exploration has proven encouraging results on the extent and grade of ore body. Preliminary work uncovered a series of parallel veins over a 200 foot width, with fractures and shears in between, some of which exhibit high grades. Underground samples from the old workings indicate gold values as high as 5.67 ounces per ton gold and silver up to 1.74 ounces per ton of ore. A ten foot section in a cross-cut between the upper and middle veins on the third level contained 0.25 ounces of gold per ton over a fifty foot area, indicating open-pit ore can be developed and suggesting that this possibility was not recognized during the early-day mining activity.

Three additional anomalous zones have been uncovered through geochemical and geophysical reconnaissance surveys. The first zone extends from the old workings on the Pilgrim ore body indicating a strong continuance of mineralization favorable to both underground and open-pit mining. Three new parallel structures have been located on the project. Geochemical results are high enough for expression in ounces per ton rather than the customary parts per million.

These results range from 0.001 to 0.048 ounces per ton of gold and 0.005 to 0.428 ounces per ton of silver on surface. Correlated geophysical data from the electromagnetic survey suggests these anomalous zones are thirty to forty feet wide on each of the separate parallel mineralized structures. A wide spread reconnaissance drilling program was carried out in the fall of 1985 with very encouraging results. Every hole encountered favorable mineralization with one grading 0.167 ounces per ton over 25 feet. Because the ore is heap leachable, the company feels it can profitably mine grades as low as 0.02 ounces per ton.



Heap Leaching Process

Heap leaching or "solution mining" is a fairly new method of extracting gold. This method far surpasses conventional methods for low grade ores in the following ways:

- retrieves small concentrations of gold and silver (low grades)
- rate of retrieval provides cash flow and return on assets.
- low capital costs

The following is a description of the heap leaching process:

1. Mining: ore is mined or gathered from previously loaded stock piles.
2. Leaching pad: ore which may or may not have

3. Pregnant pond: collection basin for metal laden solution.

4. Filter

5. Vacuum Tower.

6. Zinc and Lead Nitrate: solution is circulated through a recovery plant where metal values (gold and silver) are removed by zinc precipitation or through absorption by activated carbon.

7. Filter: reduces the precipitate containing the gold to a powder.

8. Dore Bullion: gold is fired (or converted into bullion containing gold and silver).

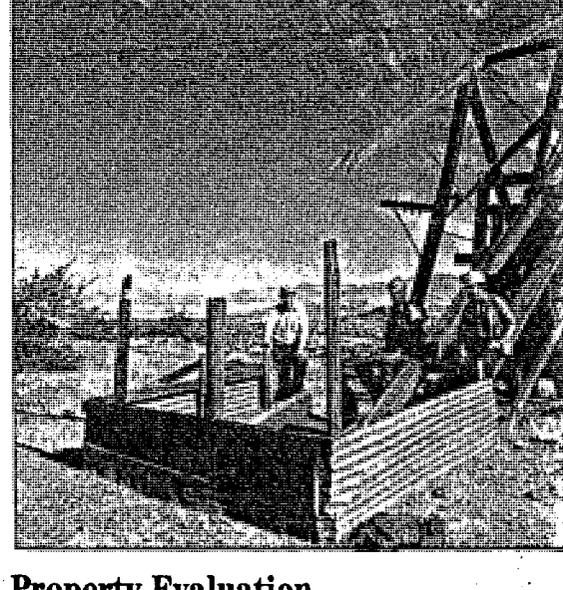
9. Refinement: purification.

10. The solution is recycled.

11. Re-agents added.

The mine is easily accessible and has sufficient water and power. Three-phase power exists at the mine site—one less hurdle to open production once again.

The property has both underground and open-pit potential, provided to adjust mining methods to optimum economic recovery as dictated by precious metals and financial markets. The nature and size of the deposit and the amount of capital required for production.



Property Evaluation

DAVID S. EVANS, Ph.D., P.Geol., FGAC has completed an evaluation of the Pilgrim Mine property in Mohave County, Arizona. In his report, he has completed an extensive history, geology, geochemistry and geophysics. Incorporation past David S. Evans has concluded the following:

1. Estimated that upwards of 200,000 tons of material amenable to heap leaching remain.
2. The Pilgrim property displays similar characteristics and features which has yielded 2.2 million ounces of gold and 1.4 million ounces of silver.
3. Underground and surface mapping, surface geochemical surveys, and reconnaissance reverse circulation drilling suggest structurally-controlled precious metals mineralization along a measured length and up to 800 feet in width.
4. Additional work is justified, including "step-out" and "in-fill" revevaluation of underground ore reserves and metallurgical testing to further determine if heap leaching or underground mining is best suited to this property.

Based on these conclusions, a two phase program of assessment is recommended.

A first stage calls for step out and infill reverse circulation drilling to delineate ore reserves into drill indicated probable, and proven categories. Phase II will define in some detail individual ore blocks or panels for prefeasibility studies needed for mine development and production planning.

Drilling results include zones assaying 0.167 ounces of gold per ton of ore. Evaluation to date indicates both underground and open pit potential. The property is amenable to the cost efficient heap leaching process and this method is recommended.

The 1985 program of 17 holes drilled indicated potential reserves of 2.2 million ounces of gold and 1.4 million ounces of silver. Twenty-five holes are planned for the next stage on 200' x 700' reserve. This test is of a small portion of the overall structure which indicates mineralization. A second objective for this program is to test new areas of the mine for further potential reserves. 13-15 drill holes are planned in the next 60 days.

MOHAVE GOLD INC.
ALBERTA STOCK EXCHANGE
US 12G REGISTRATION 82

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 Please circle 39 on the reader service card

FOR FURTHER INFORMATION PLEASE

MOHAVE GOLD INC.

Project

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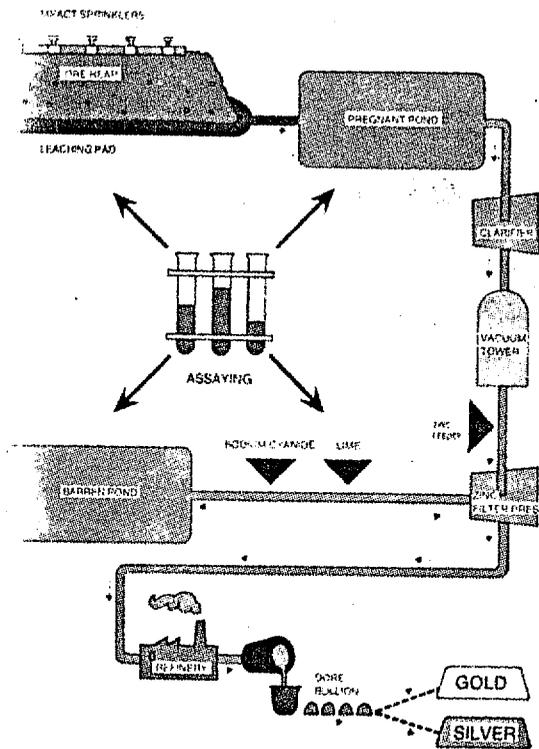
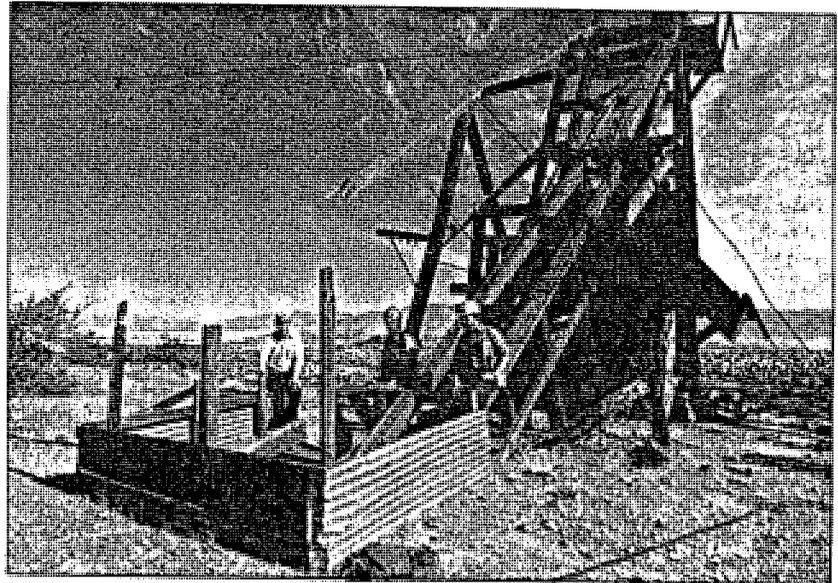
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The mine is easily accessible and has sufficient water and power for a commercial operation. Three-phase power exists at the mine site—one less hurdle to overcome when the mine achieves production once again.

The property has both underground and open-pit potential, providing the operator with the ability to adjust mining methods to optimum economic recovery as dictated by the capricious nature of the precious metals and financial markets. The nature and size of the deposit will determine the amount of capital required for production.



Property Evaluation

DAVID S. EVANS, Ph.D., P.Geol., FGAC has completed an evaluation of the Pilgrim Mine property in Mohave County, Arizona. In his report, he has completed an extensive overview of physical features, history, geology, geochemistry and geophysics. Incorporation past data and current evaluations, Dr. Evans has concluded the following:

1. Estimated that upwards of 200,000 tons of material amenable to underground mining may still remain.
2. The Pilgrim property displays similar characteristics and features of the Oatman Mining District which has yielded 2.2 million ounces of gold and 1.4 million ounces of silver.
3. Underground and surface mapping, surface geochemical surveys, reconnaissance geophysical survey, and reconnaissance reverse circulation drilling suggest the present of well developed structurally-controlled precious metals mineralization along a measured trend exceeding 2,000 feet in length and up to 800 feet in width.
4. Additional work is justified, including "step-out" and "in-fill" reverse circulation drilling, recalculation of underground ore reserves and metallurgical testing to further delineate whether surface leaching or underground mining is best suited to this property.

Based on these conclusions, a two phase program of assessment is recommended.

A first stage calls for step out and infill reverse circulation drilling to estimate and classify the Pilgrim ore reserves into drill indicated probable, and proven categories. Phase two drilling will undertake to define in some detail individual ore blocks or panels for prefeasibility and feasibility evaluation needed for mine-development and production planning.

Drilling results include zones assaying 0.167 ounces of gold per ton over a true thickness of 25 feet. Evaluation to date indicates both underground and open pit potential. Tests confirm the ore is amenable to the cost efficient heap leaching process and this method has been recommended.

The 1985 program of 17 holes drilled indicated potential reserves of 1,000,000 tons of 0.05 of 0.10 gold. Twenty-five holes are planned for the next stage on 200' x 700' centers to test this potential reserve. This test is of a small portion of the overall structure which hosts favorable zones for gold mineralization. A second objective for this program is to test new areas outside the immediate Pilgrim mine for further potential reserves. 13-15 drill holes are planned in five separate areas.

Process

is a fairly new method for surface grade ores

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Please circle 39 on the reader service card, page 45.

FOR FURTHER INFORMATION PLEASE CALL



Northern Miner
May 9, 1958 p. 17

JDS → (MSR-NEWS) 8/31/87
Dave Fanning of Galli Explorations

Finally got back to NEWS
& returned my calls concerning
~~Peter~~ Pitblain property. They
are going ahead with the
property but will probably not do
additional drilling until this late
Fall-winter when rigs are cheaper
& more available. They are not interested
at this time in a JV partner - showing
DATA etc. but they are not operators
& will let us know if they find anything
of size. Galli is being "spun off (?)"
of Royal Apex - COLA (Fred Mark's - Ex head
of Tenneco (was, is?)) with them. & they
are "gagged" by the SEC & not able to say
anything about reserves - Even old "public
number" announced by Metoil (Canadian's) their
old partner. 0.75-1 mt @ 0.6 Cu??
0.1 mt @ 1.5 opt Au ??? ← JDS#
- JDS -

ASARCO EXPLORATION RECORD

JDS
Ex-Taylor/Metol
(Galli Agreement)

FIELD EXAMINATION LITERATURE SEARCH ASARCO FILE _____

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						⑩ Date 2/11/87	
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Section III Appraisal

⑭ Recommendations		⑮ Post Producer <input checked="" type="checkbox"/>		Dissem-Stock Work <input type="checkbox"/>		⑯ Production 100 T PD mill	
<input checked="" type="checkbox"/> Action Now	<input type="checkbox"/> Too Low Grade	<input type="checkbox"/> Producer	<input checked="" type="checkbox"/> Geologic Concept	Commodity Au-Ag(UG) 280,532 Tons		Grade opt 0.17Au+.26Ag	
<input type="checkbox"/> Too Small	<input checked="" type="checkbox"/> Ownership Problem	<input type="checkbox"/> Mineral Deposit	<input checked="" type="checkbox"/> Geochem Anomaly	Water Source for Ranches below 5th level			
<input type="checkbox"/> Access Problem	<input checked="" type="checkbox"/> Examine data	<input checked="" type="checkbox"/> Prospect	<input type="checkbox"/> Geophy Anomaly	⑰ Reserves			
<input checked="" type="checkbox"/> (1942) L-208		<input type="checkbox"/> 37°		<input type="checkbox"/> Measured	<input type="checkbox"/> Estimated	Grade opt	
⑱ Num. Drill Holes +17	⑲ Excavations Incline: 7-levels		Flooded below 5th level		Commodity Tails ±300,000 Tons		Grade .01-.015 Au
Approx Total Footage ±7000'					GCNL (?) 100,000		0.1-0.15
				Fischer-Watt 750,000?		.06 Au ?	
<input type="checkbox"/> Spectro. Analysis Attached		<input type="checkbox"/> Assays Attached		<input type="checkbox"/> Geochem Results Attached			

Section IV Geologic Data

⑳ Commodity or Contained Metals	Au-Ag (±1:1) Values erratic UG-Esp. on strike.	
㉑ Ore Minerals-Major	py-Au°-Ag° in late stage greasy yellow-green ^{Minor} qtz. -Tr:gn-cpy-TT,sl.	
㉒ Host Rocks-Major	Qtz-lat(Hw) Rhyodac.(Fw)	^{Minor} Rhyol. Intrus (Fw)
㉓ Age of Host Rocks	Miocene Miocene Miocene	
㉔ Nature of Exposures	Fair to good. Pilgrim Mine at Range front. Pediment plus other veins outcrop to E. Rolling hills (200-500' relief). 3600' Elev. VnBx zone 4-25'wide UG	
㉕ Alteration	Qtz vein± adularia. Braided fissure filling - cockade in S end. N end dissem. stock work w/adularia-Qtz flooding in volc. Bx	
㉖ Structure	N30W strike ±35-60°W dip braided listric faults. High angle Fx in Hw & FW Cross→	
㉗ Ore Occurrence	Fissure Vein. 1930's mined multiple parallel qtz vn. Left low-grade intra-vn. blocks other veins to E plus stockwork in FW. Qtz+Adularia flooded Rhyol. Tuff Bx looks like Hardshell-Hermosa	
㉘ Conclusions & Recommendations	Galli was mapping/sampling Feb/Mar. for additional zones & planned to drill by fall 87. Galli has 100's of claims in vicinity plus staked more Dec.86. Potential for othet vein/stockwork zones on pediment which Galli will drill. Note that Wm.Wilkenson (Duval) & Fischer-Watt extensively sampled UG+surf. & found only spotty low-grade. FRK has expressed interest to Geologist on property to examine data. Asarco Managers should contact Pete Galli and express interest in Pilgrim Property. FRK was asked (friendly) not to trespass (Ranch & trailers on pat. claims).	

(For additional space use extra sheets)