

CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

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Hinton Ranch Molybdenum Prospect
Summary Report

Frank J. Nelson Freeport Exploration Company May 27, 1968

Hinton Ranch Molybdenum Prospect

Summary Report

Location

Approximately 28 miles northwest of Safford, Arizona, in the Santa Teresa Mountains. The area covered includes parts of Sections 19, 20, 28, 29, 30, 31, 32 and 33, Township 5 South, Range 21 East, Graham County, Arizona.

History

This area was first brought to the attention of Freeport Exploration Company by Mr. Dan Hinton of Ft. Thomas, Arizona, and Mr. Leslie West of Safford, Arizona, on September 27, 1967. Mr. Hinton had uncovered a "ledge" of molybdenite-bearing granite porphyry while bulldozing in the northeast quarter of Section 32. This rock was shown to me by Mr. Hinton while I was visiting the area on an examination of other nearby prospects. Two samples, subsequently cut from exposures of the molybdenite-bearing rock assayed 0.400% and 0.230% total Mo.

Reconnaissance of the surrounding area and geochemical sampling were conducted through October. A letter of intent, setting forth the general form of a lease-option agreement was signed on October 15th. Staking of 110 claims and application for State Prospecting Permits began on November 15th and continued until December 14th. A severe snow storm and subsequent flooding made the prospect inaccessible until January 9th, at which time an I.P. survey was started. Drilling began on January 24th. Principally due to renewed flooding, it took until April 11th to complete three diamond drill holes. Exploration efforts on the prospect terminated on May 14th.

Geology ~

The prospect is located in the eastern edge of a large granitic intrusive (approximately 20 x 10 miles in area) located in the west-central part of Graham County. This intrusive stock consists basically of equigranular and porphyritic biotite granite, cut by dikes and masses of aplite, rhyolite and diabase.

In the immediate area of the Hinton Prospect, the granite is in contact with an andesitic volcanic vent and related flows and dikes. The granite explored is quite variable in texture, though mainly porphyritic, and is generally strongly weathered. Random dikes of aplite and veins of massive milky quartz are common. Jointing and fracturing are locally well—developed, trending mainly to the northwest. Intense shearing of the granite occurs in scattered zones, most notably in the northwest quarter of Section 28.

Patches of highly feldspathized and kaolin-sericite altered granite are found throughout the area of the prospect, both as surface exposures and in drill holes. Granite not affected by this type of alteration is generally fresh, once the surface-weathered crust is penetrated. Some silicification and locally strong clay alteration occur in the zones of highly sheared rock.

Anomalous molybdenum mineralization was found in 14 separate locations, contained within a roughly circular area approximately 6,000 feet in diameter, centering around the claim, "Chula #57." Disseminated molybdenite, pyrite and minor chalcopyrite were found in all the textural types of granite encountered on the surface or in drill holes (porphyry, porphyritic, equigranular, aplitic and pegmatitic). Aplite dikes encountered were barren, except for magnetite and traces of pyrite. The "feldspathized rock" is barren of molybdenum mineralization.

Geochemical Data

In general, geochemical prospecting seemed to be ineffective on this area. Enclosed are three maps showing some of the results of this survey. The 14 places in which anomalous molybdenum assays were gathered were:

	Highest Assay
DDH-1 419'	0.275% Mo
DDH-2 863'	160 PPM Mo
DDH-3 900'	340 11 11
Rotary Hole A	20 11 11
${f B}$	120 " "
C	30 11 11
G	20 11 11
J	330 " "
N	· 35 11 11
S.W. corner Chula #40	85 ' n n
On road near Rotary Hole A	70 11 11
N.W. 1/4 Chula #58	35 !! !!
Original MoS2 discovery	0.400% Mo
Near DDH-2 in outcrop	0.230% Mo

Geophysical Data

The induced polarization survey consisted of five northeast-trending lines, and was conducted by Geoscience Inc. under contract. A weak, subtle northwest-southeast trending anomalous zone was developed, and tested by the drilling of DDH-3. The report from Geoscience is attached.

Drill Hole Data

A total of 19 holes was drilled on the prospect. Three of these were diamond drill holes that went 419, 863 and 900 feet respectively. Geologic logs with assay data from these holes are attached to this report. The remaining 16 holes were rotary air-blast drilled, and used both for exploration and claim validation purposes. The deepest of these holes went 205 feet (Hole "I"). Assay results from these holes are attached.

Conclusions

The molybdenum mineralization found on the Hinton Prospect, while widespread, did not prove to be of economic grade.

The only rock containing molybdenite encountered on the surface or in drilling was the granite, in all its textural varieties. Discrete grains of molybdenite are found enclosed within crystals of feldspar and quartz, and commonly in flakes of biotite. The host rock is mainly fresh, with glassy feldspars and bright, black biotite.

It is probable, therefore, that the MoS₂ was first formed as one of the primary minerals of the granite, concentrated somewhat near the edges of the intrusive stock. Later tectonic deformation of the granite in this "fringe" of higher—than—background MoS₂ might have resulted in locally increased concentrations of the sulphides. This would account for the somewhat higher percentage of MoS₂ in the sheared and broken portions of the drill core.

Any further prospecting for suitable tonnages of economic grade MoS₂ mineralization should, therefore, be conducted along the fringes of the intrusive stock, in areas of intense fracturing and deformation.

Frank J. Nelson/bk May 27, 1968

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A PRELIMINARY REPORT OF THE INDUCED POLARIZATION SURVEY AT BLACK ROCK, SAFFORD, ARIZONA

FREEPORT SULPHUR COMPANY

HILLTON PREA A

GEOSCIENCE

INCORPORATED

FORWARD:

This induced polarization survey was performed for and under the direction of Freeport Sulphur Company.

The areas surveyed were in the state of Arizona. An enclosed map shows the general location of the field sites. There were 6 setups run on 3 lines with a total coverage in excess of 22,000 feet.

A dipole-dipole electrode array using 500 and 250 foot dipole spacings was chosen for their survey.

The induced polarization lines are discussed setup by set-up in numerical order of the field work. Overall comparisons and recommendations have been made in the conclusion of this report.

The interpretations in this report are based on the geophysical data only. As yet, no attempt has been made to relate the geophysical data to geologic information.

DISCUSSION:

Line Al:

This line was the first to be run in this program.

The apparent resistivity profile displays a somewhat high overall appearance, marked by some lower resistivity contrasts.

A gradual decrease in near surface values is noted in a SW direction. A major contrast in values appear near to station 6 to 7. It would appear that a higher resistive rock underlays this line and might come closer to the surface at or about station 6 to 7.

The frequency effect profile displays some changes in value from a background of +2.0% to over 3.0%, which are displayed over 20% of this line. A normal increase in percent frequency effect occurs at or about positions 7-8 and continues to the northeast end of the line.

Line A2:

This line was the second to be run in this program.

The apparent resistivity profile displays a somewhat high appearance between positions 1-2 to 7-8, marked by some lower resistivity contrasts, suggesting a feature or contact at these locations.

The resistivities decrease to the northeast end of the line but no limit is given because of lack of data.

The frequency effect profile displays changes in value from a background of +1.0% to over 4.0%.

INCORPORATED

Line Bl:

This line was the third to be run in this program.

The apparent resistivity profile displays in

general a very similar trend as noted in Line Al. An

increase in value occurs until about position 6 to 7.

where the higher resistivity come very close to surface.

It would appear that a major contact or feature exists

between stations 3 and 6.

The frequency effect profile displays changes from 2.0% to 5.0%.

There are two percent frequency effect features on Line Bl. The first feature is located between positions 1 thru 4. The second feature is the build up of frequency effects between positions 9 and 10.

Line B2:

This line was the fourth to be run in this program.

The apparent resistivity profile displays a high appearance from positions 2 thru 6, suggesting a contact or feature at two locations, position 3 to 4 and positions 6 to 7.

The frequency effect profile displays changes from a background of 2.0% to over 4.0%.

A very definate increase in value is noted between positions 1 to 4.0501000

INCORPORATED

Line DB:

This line utilized 250 foot dipole as opposed to the 500 foot dipole used on lines A & B. It was placed to ascertain the near surface response on Line B.

The apparent resistivity profile displays major contrasts in value. A high resistive zone is noted at or about location 1 to 2 and at or about location 8 to 10. A lower resistive zone is centered near location 3 to 4.

The PFE data displays an increasing trend between stations 2 to 5. The increase in values is from less than 2% to over 4%.



Line C:

This line was the second check-out line to be run.

The apparent resistivity profile displays rather large contrasts in value. A high resistive feature is noted between station 1 to 3. A low resistive zone lies close to the NE of the resistive feature.

The frequency effect data displays a very definite increase in value between stations 5 to 7.

GHOSCIHNCH

INCORPORATED

CONCLUSION:

Certain features are apparent as a result of this survey. On line A it would appear that a slight increase in PFE value occurs between two zones of higher resistivity. The actual change is very slight. This feature is also apparent on Line B. This line displays though a stronger zone of higher PFE values. (On setup B₂).

It would appear that the high resistive zone on the coto both lines/nearly perpendicular to the lines, and that a definite cut-off in PFE values occurs at this point.

A second perpendicular high resistive feature is noted near to position 6 to 7 on both lines. This feature does not display the low PFE value noted on the other feature. This fact suggests even though the apparent resistivity values are similar a different rock type might occur.

The two check out lines confirmed the locations of the higher responses noted on Line B setup B_2 . Lines DB and C displays the feature noted on Lines A and B, namely the higher PFE values associated with the higher resistive zone in the center of the line and the lower response associated with the high resistive feature on the NE portion of the linep.

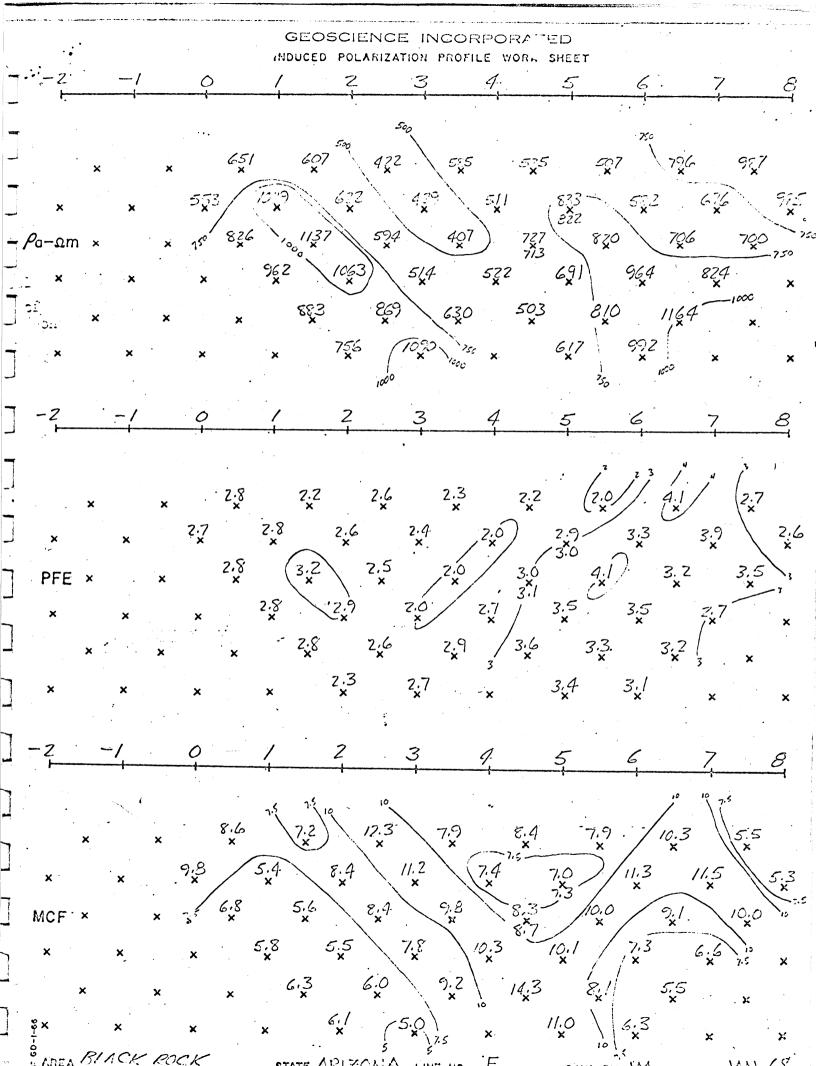
This report can be regarded only as a preliminary report of the work to date. Due to hurried preparation the format and contents of the report are subject to change.

The survey has been continued to ascertain the regional changes within the stated area. Comparison of this data, upon its completion, to the data contained within this report, will allow definite comparisons to be made of the general area relative to the area of intent.

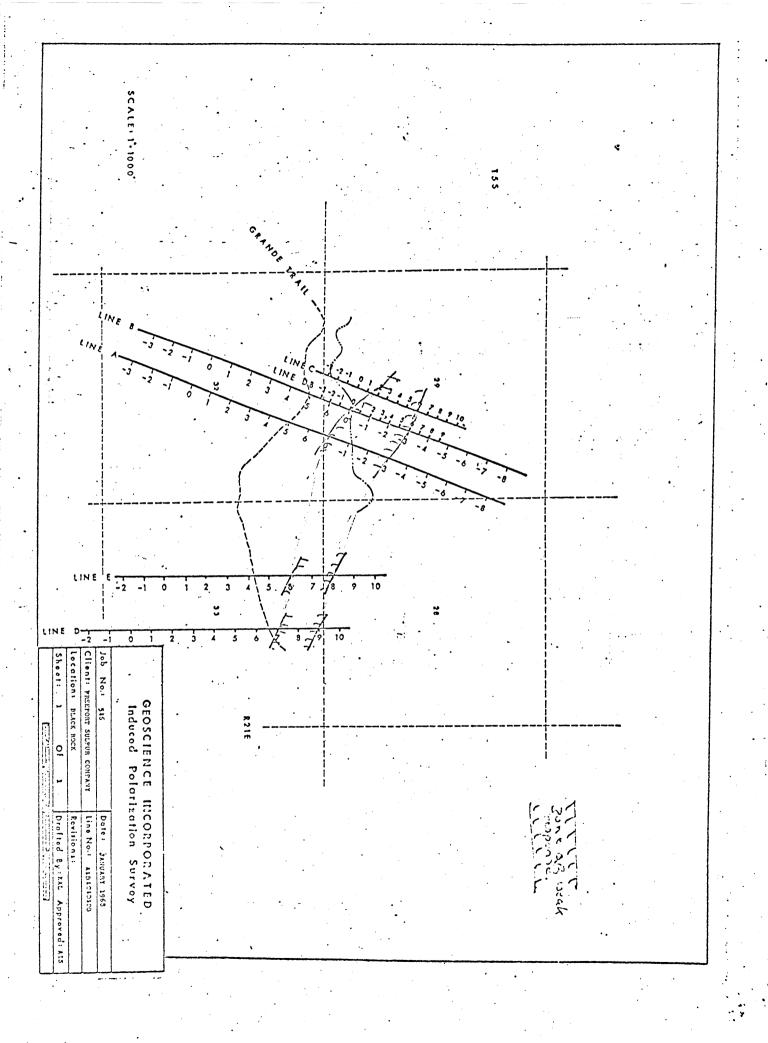
Respectfully (submitted,

Antony Ivan Smith Regional Manager Western Division

AIS/dla



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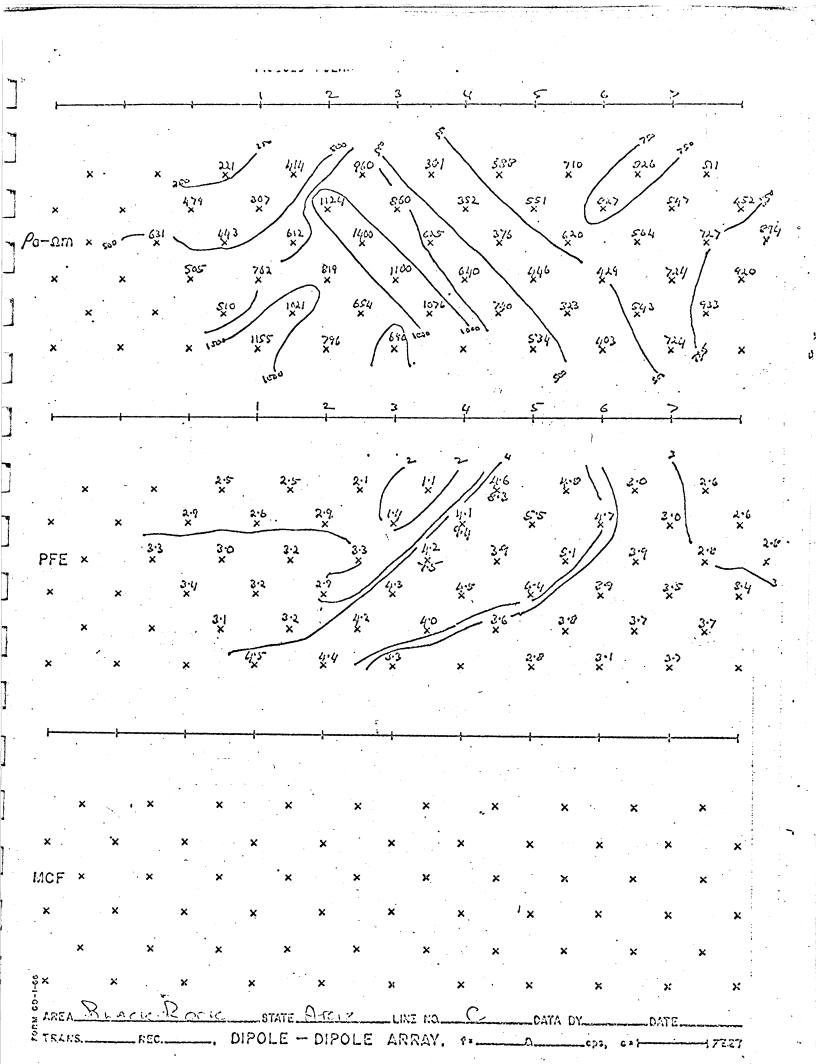
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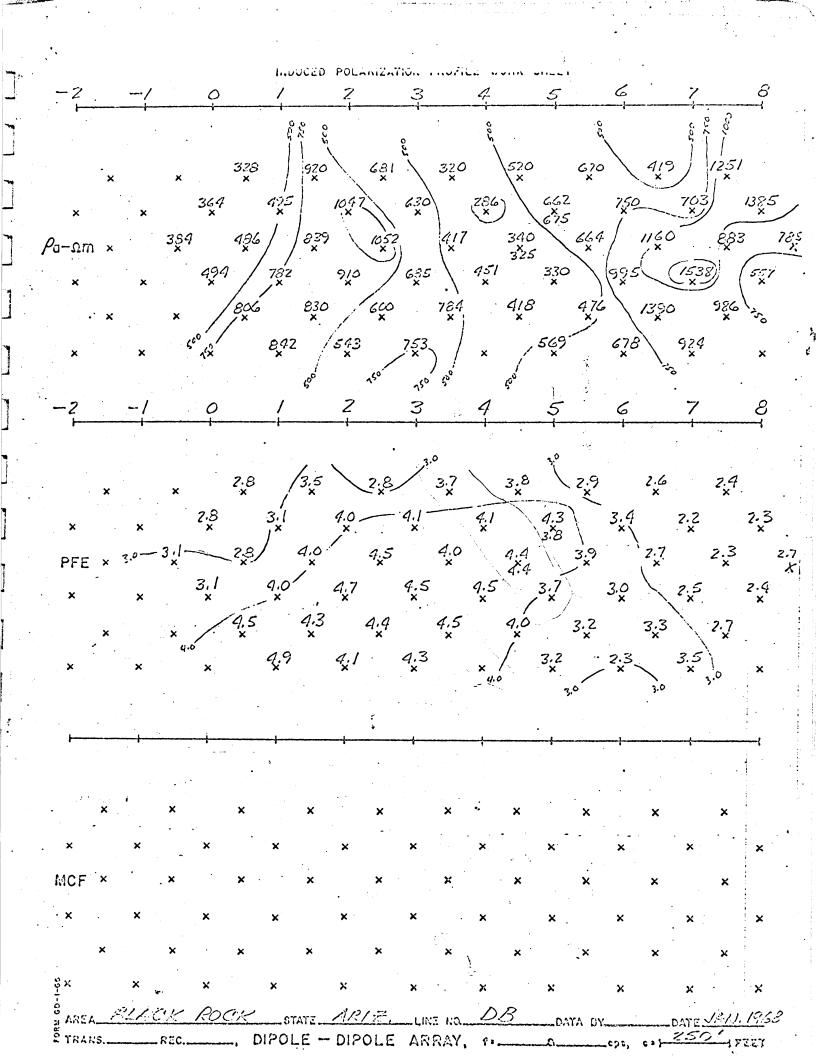
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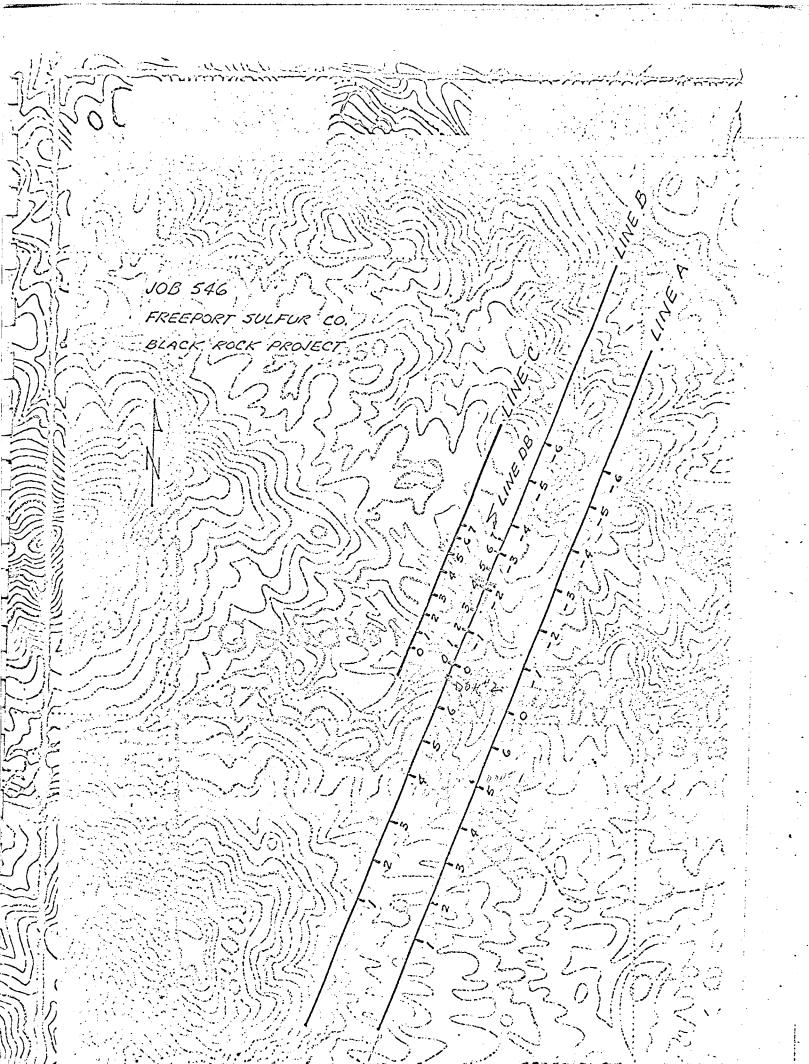
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SEOSCIENCE INCORPORATEL

A SUBSIDIARY OF AMPEX CORPORATION

199 BENT STREET, CAMBRIDGE, MASSACHUSETTS 02141

26 February, 1968

P. O. BOX 1470
TUCSON, ARIZONA
TELEPHONE: 602-BOX STATE

FKW

CMS 4-727

AL

VIII - DEF

Opical EIN!

Mr. Frank Nelson Freeport Sulphur Company 161 East 42nd Street New York, New York 10017

Dear Mr. Nelson:

def words on the two line as well as a brief summary to the other report a gave you.

I am still waiting for the field sheets so come back from the blueprinters, so I will hope to have the final report out by the end of the week.

I hope the weather is not too cool.

Sincerely,

Antony Ivan Smith Regional Manager Western Divsion

AIS/dla

Enclosure

A SUPPLEMENTARY REPORT OF THE INDUCED POLARIZATION SURVEY AT BIACK ROCK, SAFFORD, ARIZONA

FREEPORT SULPHUR COMPANY

A

GEOSCIENCE

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Since the last preliminary report two additional lines have been completed. Namely lines D and E. Enclosed map shows field location of all lines.

LINE D.

This line utilized 500 foot dipole and a single 7 electrode setup.

The apparent resistivity profile display lower values than was found in other lines. This fact suggest some change between this line and line E. The overall appearance of the line shows relatively little contrast.

The PFE profile displays values in the order of +2%. A change is noted between dipoles 7 to 8 where the values increase to over 4%.

LINE E. BUPORT

This line also utilized 500 foot dipole spacing and a single 7 electrode spread.

The apparent resistivity profile displays larger contrast in values than was found on line D. It would appear that a lower resistivity zone between position 1 to 3 (4) is bourdered by higher resistivity zones.

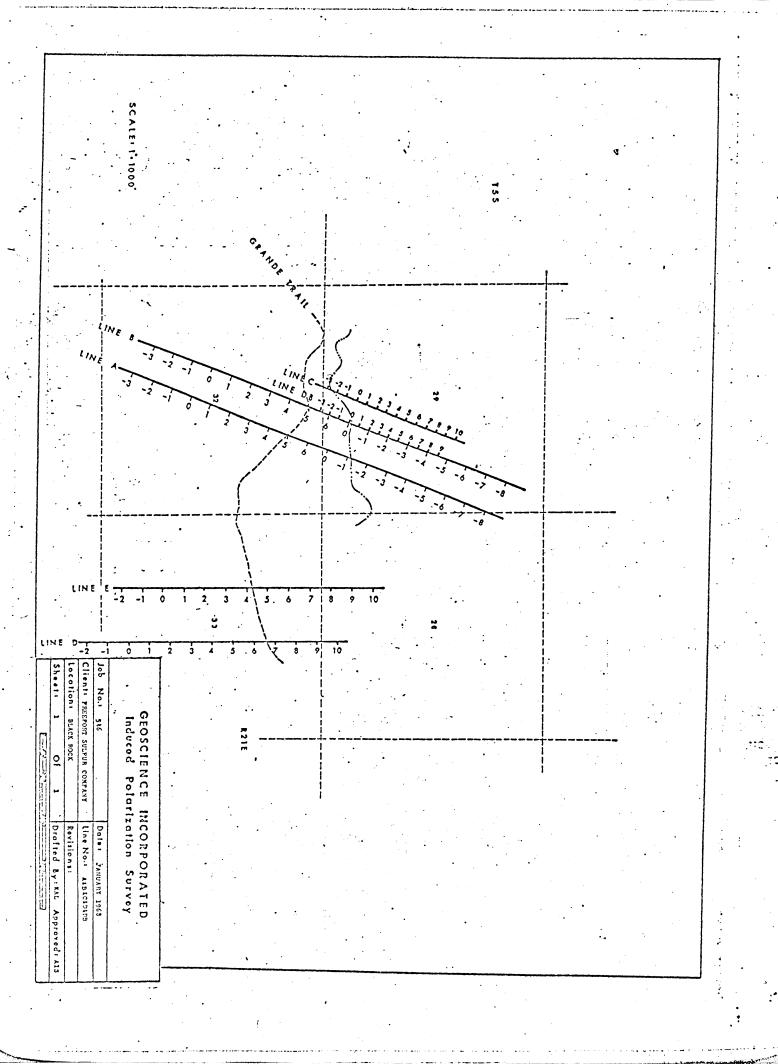
The PFE profile displays a range in values from 2% to 4%. The higher values are noted between stations 6 to 7. The overall change in value appears quite small.

SUMMARY

It would appear that the major difference between lines D & E is the marked change in the resistivity profiles. Lower values appear on line D and the overall contrast is much less intense. These facts suggest that a contact might exist close to line D. It's exact location would be difficult to define due to the orientation of the lines.

The most interesting feature in this survey to date is a very weak increase in PFE value which trends NWW to SEE through all the lines. The completion of an additional line between A and E would have clarified this point. Inclement weather though prevented the completion of this line.

Enclosed is a copy of the map with a rough outline of this zone. The final report will further define this zone in relationship to the whole area.



SOUTHWESTERN ASSAYERS & CHEMISTS, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5911

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

	SAMPLE NUMBER	GÖLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %	•	MOLYBDENUM
	A- 12							10
	13					• • • • • • • • • • • • • • • • • • • •		15
	14							10
	15					•		15
	16	,						< 5
		•						1
	17	•				•		< 5 20
	18							1
	19			•		•		< 5
	20					•	•	20
	21 (21	of hole)						10
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CHARGE \$ 25.00

INVOICE

SOUTHWLSTERN ASSAYERS & CHEMISTO, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

CHARGE _

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5911

INVOICE

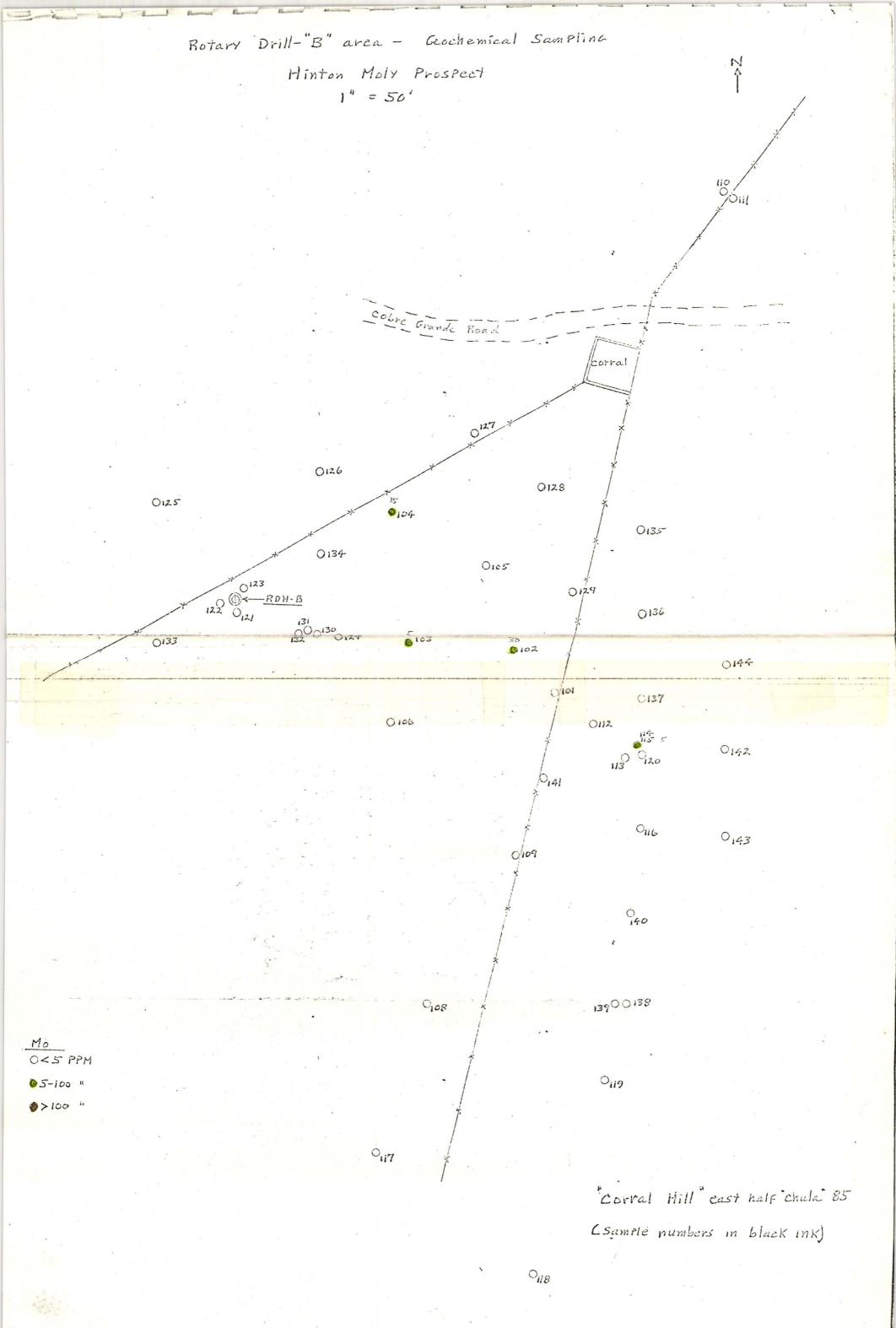
Freeport Exploration Company 4249 North Soldiers Trail

JOB# 00213/1

RECEIVED 2-21-68

REPORTED 2-22-58

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM ppm
B- 1							< 5
٠, .				•			< 5
2				•		•	< 5
3							< 5
4							N.D.
5	,						120
6	•						30
7							<5
8			•				10
9							10
10							10
11							20
12							10
13							
14							< 5
15			•				< 5
16		•					, < 5
17							10
18							15
19							10
20							15
21							. 20
22		**					80
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		JC0	15-17-50
	Hinton Prospect - DDH - #3.	Ð	
Som Ple		Mo PP TAN	Carpm
1- DDH-3	From to	BI	K 4.
	20 — 25	< 5-6	105 36
2	50 - 55	10	92
3	55 ÷ 60	< 5	152
4	60 - 65	5	132
5	65-70	20	140
6	70 - 75	260	188
7	75 - 80	340	192.
8	80 - 85	< 5 ⁻	172
9	125-130	i:1:1	48
10	165-170	55	44-
11	170-175	.70	32
12	175-180	< 5	24
13	210-215	Z5-	24

Hinton Prospect - DDH-3

imple No	Interval	Mo ppm	Cu ppm
DDH-3	From To		
34	385 - 390	16	. 84
35	390 - 395	25	48
36	435 - 440	< 3	52
37	475 - 480	30	40
38	490 - 495		24
39	510 - 515	25	16

ote:

Sample # SW-90: 85 80

This is a surface chip-sample taken in the extreme south-west corner of claim Chula #40. The rock is a highly sheaved, Iron-oxide stained granite, with rave, minute specks of visible MoS2. The extent of this altered and stained rock is hard to determine, as it only efferops in the floor of a gully when evosion has reached it.

Hinton Ranch Prospect

Sample # H-DDH-3	Interval From To	Mo ppm	Cu ppm
40	555 - 560	c 5	480
41	625 - 630	5	44
42	655 - 660	Nil	36
43	700 - 705	N.I	28
44	725 - 730	30	48
45	755 - 760	~5	47
1-6	830 - 835	< 5 · · · · · · · · · · · · · · · · · ·	40
47	890 - 900	N,1	20

(End og Hole- 300 reet.)

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SCALE_ ASSAYS	11	OLUWN	DETAIL NOTES	GENERALIZED NOTES
5,275 20	4:0	の が な が な が	Very abund. MoS2	"Granite Porphyry" - white to Pink Felds. Phens. set in v. Fine Gndms.: rare biot very abund disseminated — MoS2 FeS2. Felds. Fresh Glassy.
20	8.0	1:11	Granite weathered Rarc speck Fesz	
- KU	12.8		Mosz Mosz	
	21.7	- 1 0	• •	
5		シノーラー		
	. 1	11 11	·	Biotite Granite - mainly equipman; grades
	<u> </u>			loc. to Perphyritie; mostly Fresh, some minor silicif; rare to no FeS2 below 15%; few narrow aplite dikes.
		1		
10	50.o	- /		
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EEPORT EXPLORA COMPANY DIAMOND DRILL RECORD SCALE	INCLINATION STARTED COMPLETED	HOLE NO. DDH - I PROPERTY FIRST ON LOCATION COLLAR COORD. N. E. COLLAR ELEV. SHEET R OF 5
SECTION SECTION OWN	DETAIL NOTES	GENERALIZED NOTES
22.2		
<5		
93.2		Equisian. Biotite Granite (as above)
Nil E		
109.2		
25 o a	tronc shearing (112.0
116.0 = 0	\	
p.		
[2]		
134.8		Porphyritic Biotite Granite - numerous large zoned K-slar Phens, Pink to white, in matrix of fine to med. Gr. Felds + 972; V. wk to rare
y.	St Shearma random my sticks and chloric	FeS2, WK Fc304;
	Henrine Scams; Clots and theren of matics; abund.	
20	···	
she	ars less common	
D tha	ni a bove Felds highly dehard white to allow Colotted maries	
/ Lsec	e chlor + serpentine	
Wil 166.0		
1724		

EEPORT EXPLORATION COMPANY	STARTED	HOLE NO. DIATION PROPERTY LINEAR LOCATION E. COLLAR COORD. N. E. COLLAR ELEV. SHEET 3 OF 5
DIAMOND DRILL RECORD SCALE	NOTES BY	SHEET 3 OF 3
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Ma Fics In Some Flooding K-Spar ray	schlieven; 6 by Pink	phyritic Biotite Granite Cas above)
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Felds Fresh brotite by Tr		
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R]	. C	ОМ	PΑ	NY		INCLINAT STARTED	N HOLE NO. DDH-1 ION PROPERTY Florition LOCATION TED COLLAR COORD. N. E. COLLAR ELEV. SHEET 4 OF 5
<u></u>	DIAMO! SCA	LE_	RILL				SHEET 2F OF S
RECO	ASS			SECTION	COLUMN	DETAIL NOTES	GENERALIZED NOTES
	5-				愛いかりのは、ひしののしいのではのはいる日	Fresh to weakly clay- ait. Felds.	Porphyritic Biotite Gramite (as above)
	< 5	,		312.1	ロロロのここのことの		
				332.7	00: 1 9 100		
	45			340,0	いいのし日にいるのかいいないと	locally study sheared	

R	EEPORT COM	IPAN'	Y	STARTEI COMPLE DEPTH	TION Vertica PROPERTY Finter Present Dian 24 1968 LOCATION Graham Co. Harzea TED Feb 7, 1968 COLLAR COORD. N. E. COLLAR ELEV. # 4225
	SCALE			NOTES	BY F.J. Nelson : SHEET 5 OF 5
RECT	ASSAYS	SECTION	DETA	IL NOTES	GENERALIZED NOTES
	5	367	Avlite		
	25	377	1 MoS2,	rave Speck	
		352	A Aplite	diKe -	Porphyritic Biotite Granite (as above) -
	10		Sheare	Strongly d. Chlorite and	
Andread Andread Andread Andread Andread		39?	Sheared Felds Par White	abundant in zones. s mainly hard. or chalky. arc FeS2 b MoS2 visible	
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					End of hole - 419 Feet Feb. 7, 1968 F.J. Nelson
				•	
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U i	oSg :Sg :o DIAI	C(MC	PA	(PL NY	OR	STARTE COMPLE DEPTH	ON OLE NO. DDH-2 COMPANDED NO. NO. DDH-2 COMPANDED NO. PROSECT FINISH D. Feb. 7, 1968 LOCATION NW 1/2 Chala. 51/2 COLLAR COORD. N. E. S63 Feet COLLAR ELEV. ± 9175' BY F.J. Nelson SHEET / OF 10
REC'D	Α: Δ:		YS		SECTION	COLUMN	DETAIL NOTES	GENERALIZED NOTES -
		40			10.0	のできる。 できる	Strong FeO Staining / V. Minor Mo oxides Chematite, Goethite) mottled Patches FeO	"Porphyry" - Pink to white orth Phens. Set in matrix of Sugary, fine-Grained, Otz and felds. Ilbund "clots" of greenish epidote and poss. Tournaline. Dissem. Fesz generally abundant. Kare, minute specks Hosz. Biotite essentially absent. Patchy silicification - generally the feldspars are hard, white. (albitized?)
		30			15.8	100	_5" aplite dike	
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	4	<i>(5</i>				いいいとうしてい	•	Biotite Granite"- medium Grained, equicanular, abundant Fresh black biotile books, interlocked puarts and orthoclase. Moderate to locally weak Fe203. Rare to trace Fesz, except in a few scattered patches
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FR				XPL Any		INCLINAT	N
	DIAMO	_	RILI			DEPTH_	COLLAR COORD. N E COLLAR ELEV SHEET OF 10
M SECD	ASS Mo	SAYS	1	SECTION	COLUMN	DETAIL NOTES	GENERALIZED NOTES '
				93.0		Some smeared chlorite,	Very fine-Grained, Sugary, White; highly altered by clay and sericite; some Granular quartz. Trace FeSZ
	15				が対対	Very fine Grained,	
		-	-	99.8	N.		
	60			<u> </u>	123	Few small grains Mosz Trace Curesz	
		-	-	103.8	40 - C	-	
	15				JA435	—wcak MoS2	
				113.3	11.16		"Biotite Granite" - variably textured. Generally.
	10				1		medium Grained couldranular Grading into zones more Porphyritic and locally to Fine-Grained. "aplitic" textures. Most committy
	10			130.1	7 0 /		MoSZ Generally rare - locally mod -si in clusters Of minute grains and resettes. The HoSz usually occurs in zones where the fresh black biotive 15 absent or considerably less abundant.
	10				1		Magnetite is very common and Pyrite erratic-from abundant to V. weak
				137.8			Alteration is weak-mostly bleaching of bistite and some clay alt. of feldstars.
7				1	7 6 4 7	Strong, fine-Grained	
				-	3	Moss. Very strong Fesz in large clots	
				- - -	(79 ² 1)		
				153.0	11/	many spec coated shears	
7	50	72			4	moderate MoS2 and -	
				164.0	30	FcS2.	
	10	14		- -	1/2/2		
				[173 <u>0</u>	100	Weak Moss	
	20	48					

R	DIA	C	MC	РД	NY		INCLINAT STARTEL COMPLE	N
REC'D	A	SS/ Mo	CU PPM		SECTION	COLUMN	DETAIL NOTES	GENERALIZED NOTES 6
			52		184.9	(4 h)		
The second secon					1350	さんの変がい	Arlite dike	
		30	44		205:1	ころうべいかいか		
		56	40		215.5	以から野から	Mod MoSz, Tr. CufeSz	"Biotite Granite" (as above)
						大はないのかかりませんでき	Scattered discrete Grains Mosz	
لسغ لتأ		48	10	1	212.0	1.1.X	" Patch of almost Purc Pink Orthociase.	
American I I american		52	70		252	河の一切の	Few large Grains MoSz	
					فيفرق فيجمع بريد ميليمين بديفيها	100000000000000000000000000000000000000		

ER	EE						RATI N	INCLINAT	N ION	!ROPERTY_t/inton	
		С	ОM	РД	NY			STARTE! COMPLE	ΓED	COLLAR COORD. N	E
7	DIA	AMON	ND DI	RILL	REC	COF	RD	DEPTH_		COLLAR ELEV SHEET4 OF10	
ال. 	ī====		LE_								
D FO	!		AYS	1	SECTION	COLUMN	DETAIL	NOTES	GE	NERALIZED NOTES	
25.5		MO PPM	PPM		11 -		270'				
۱ ټـ					272.0	-/.	- silicicied	ZMC	\		•
ا اسا		53	10		ļ.	13/		•		~	
						-7					
					280.0	- \		- -			
					<u> </u>	4					•
						N.					
7					<u>.</u>			· .			
-					-	3,			. \		
7					-						
ا ك					297.5	1.					
					-	137			"Biotite 0	Frante" (as obove)	
_		10	32			1:1		·	Essentially	l barren - no Mosz, rare F . still common	257.
					306.0	1		.0			•
						-:,		•			
			-		1	1.					
المد					-	77	Highly shear	ed zme			
					-	SZ	Highly shear Labundant c	hlorite, Feo			
					-	[:/ -/		-			
					5041	13.					
لمد					<u> </u>	\\ \\ \					
7		<u>.</u>		•	-	11	,		•		
-4		5	28		-	13					
					334 <i>A</i>	1.7					
4					-			!		•	
					-						
المسا					<u>}</u>	1					
1					-	111	Strong shear	rs specularite			
ا الحد					-	17	Coated		_		
1-							Fine-Graine dike	d ariite _	APlite	• • •	
4					354.n	1	/		/		
1-3					-	111					
-		20	40			18			Texture obscured - m	ostly Pinkish orthoclase + bios	÷;•,-

EF	REEPORT EXPLORATI N								NOLE NO. DDH-Z
_			CON	/IP	ANY	1		STARTE	DLOCATION TEDCOLLAR COORD. NE
	D		ND [L RE	COF	RD	DEPTH.	COLLAR ELEV. BY SHEET OF 10
ال بالي		ASS			ECTION	COLUMN	DETAIL	NOTES	CENEDALIZED NOTES
لائيسي		PPM	Cu PPm		<u> </u>			NOTES	GENERALIZED NOTES
		-	-	_	363.9	1/2/25		•	"Biotite Granite" (as above)
The state of the s					1				"Granodiorite" - Fine Gramed; dark Grey; abund. Shreddy biotite; very little to no pulariz. Feldspars
1						では	Granodiorit		a PPEar to be mostly Planiclase. Trace Mosz, Fesz few short intervals or biotile cravite.
-					3 <u>78</u> .0				-\(\dagger{378'}
_		50	96		38].	7		•	
]		120	60		387.5		Few steep	shears	
		150	64		312.8			•	
7		140	80	1	ŀ	7. 20.			
ا ا					338,0	以外は	•		Biotite Grante - texture and composition
_		110	64		100.0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			os above. Fe. Sz moderately abundant persistant Mosz finely disseminated and in local clusters of crains. This interval appears to have more quartz than above. Machetite commen
					-	1,0			Bock Generally Fresh- biolite bright black - feldspars Glassy to locally weally clay- seriete altered Few minor Patches of silicification
		160	72.			3.9			
7					116.0	7			
- -	4	90	56		-	7.1.7.		-	
ل					1760	がは			
		140	68		- - - -		•	_	
					7 <u>26.0</u>	100			
		<i>u</i> ~			- -				
•		70	56						
•			- return & Proc. survey.	chair albu baka	1480	3)			Mosa decreases

CO	MPANY	ORATI N	STARTED COMPLET DEPTH_	N OLE NO. DDH-2 ION PROPERTY Himlen LOCATION TED COLLAR COORD. N. E. COLLAR ELEV. SY SHEET 7 OF 10
SCALE ASSAN APPH PP PPH PP		DETAIL 590'		GENERALIZED NOTES
30 68	546.0 556.0	Strong Sheat Strong Stain t Seme CRI	orma. Abund	Biotite Granite" (as above) Very rare to no Mosz Very weak Fesz, magnetite common
Nil Go	586.0			

	REEPORT EXPLORATI N COMPANY DIAMOND DRILL RECORD SCALE							INCLINAT STARTEI COMPLE	ON HOLE NO. D.P.H Z TION PROPERTY Himtor D LOCATION E. COLLAR COORD. N. E. COLLAR ELEV. SHEET OF BY SHEET OF
RECO		SSA MO PPM			SECTION	COLUWN	DETAIL	NOTES	GENERALIZED NOTES
					<u> </u>	1		•	
		нП	56		644.7	されてい			
	-					1977			
						18 187			Biotite Granite (as above)
					662.0	1777		•	Fresh, barren, tare FeSz, no Mosz
		иЛ	52			14111	•		
					-670.4	アイライング			
					1.	さりょう	***		
		Nil	84		870	うなく			
7 7					/297.0	1000			
					<u> </u>	ベッシン			
7	-	Nil	68		7/10.0	大大大			

FR]	COI	MPANY	ORAT! N	INCLINAT STARTEI COMPLE	TION) TED	HOLE NO. DD AROPERTY Him LOCATION COLLAR COORD. N. COLLAR ELEV. SHEET 9 OF	E
WerrE REC'D	SCALE ASSAY Mo Cu		DETAIL 720'	NOTES	1	GENERALIZED NOT	ES
	Nil 60						
		774.5				Granite Cas above. issentially barren hears w. FeO stain	
	Nil G4	775.0					
		735.0	Few specks	M052			
		Bois (

ER		RT E		OR	ITA:	STARTED	ION <u>Vertical</u>) Feb. 7 1965	OLE NO ROPERTY HILL LOCATION NV	nton Prastic V 14 Chula	ct, Arizon
	DIAMON		L REC	ORĽ)	DEPTH_	TED <u>Han 1, 1965</u> 863 Feet BY F.J. Nelson	_ COLLAR COOF _ COLLAR ELE _ SHEET _/O		E
PECD	ASS	AYS		COLUMN	DETAIL 810	NOTES	GE	NERALIZED	NOTES	
			516.0	19,73						
				とうない	minute s	s Pecks MoSa				
			326.0	という			"Biotite Gra	unite" Las	abovel	
			- 	251	Few Specks	bil en		centially barr		
				100 M	/ Weak F	11652. c\$2.				
			846.0	17527		-				
			3.5%,0					•		
			363.0	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		•		0/2 - 1		
			- 1			•	Bottom or hol Mar. A, F.J. Ne	1968		
										•
7										
A second			· 1							
					· · · · · · · · · · · · · · · · · · ·					

: å e	#1 1 To 1				RATION	CTADTE	N HOLE NO. <u>DDY-3</u> TON <u>Vertical</u> PROPERTY <u>Firster Main Present</u> O 6 March, 1968 LOCATION NW Corner Chale 57
	w CC					COMPLE'	TED <u>II April, 1966</u> COLLAR COORD. N E <u>900 ccst</u>
Tie C	DIVITA	DRI E/	LL RE	COR	D =	NOTES	BY F.J. Nelson SHEET 1 OF 10
% FECU	ASSA	YS	SECTION	COLUMN	DETAIL N	OTES	GENERALIZED NOTES
6				HP BY TO A OF OF O			
1 -1	45	36	20	700 000	Bare to no	s MoS2	
			عيد غيرة عالم المساورة والمساورة وال		V. WK FeSz. Occas. Shea W. ScrPentiv Felds Cen. Fr	r zones	Porphyritic Biotite Granite: Some intervals more equipranular; texture variably, subtly chances from med. to fine to loc. coarse Graniced; Numerous larce orth. Phens, commonly zoned: quartz 5-10%, abund. biotite, occas. hinblind: few narrow dikes of aplite.
	10	92	59	3.6	Mos Flake	s visible	
	<5	152	55	1			
	5	132	6	5 5			
	20	140		0 =	Moderate Me	52 25	
	260	<i>‡86</i>	E	5- 1	Flakes resets Smears en Fracts. Mod.	FeSz,	
	390	192		30			
	<5	172		25- H	7		
, 41			1	T (7.		

	DIAMO	OM	ΡΑ	NY		RATION D	INCLINAT STARTEI COMPLE DEPTH	N HOLE NO. DITHES TION PROPERTY HIMSON LOCATION TED COLLAR COORD. N. E. COLLAR ELEV. BY SHEET 3 OF 10
REC'D	ASS	AYS Cu PPM		SECTION	COLUMN	DETAIL	NOTES	GENERALIZED NOTES
فيا فيا فيا فيا في إن	45			210	10.0	Very Farc NoSz, FcSz Generally "Fr	. Rock	Porphyritic Biotite Granite (as above)
	50	40		260	の記述がある。	Moderate to V. St. shear silicification commonly in clots. MoSz, occas. on sh	ino, some . Marics Smeared Fasa	

CONFANY COMPLETED COLLAR COORD. N. DEPTH COLLAR ELEV. SHEET 1 OF SHEET 1 OF SHEET 1 OF SHEET 1	17.
SCALE	
ASSAYS E DETAIL NOTES GENERALIZED NOT	TES
20 22 225 3 20 20 20 20 20 20 20 20 20 20 20 20 20	(as above)

ER	DIAMOND	MPAN Drill 1	VY		INCLINAT STARTEI COMPLE	HOLE NO. DDH-3 FION PROPERTY Horizon D. LOCATION TED COLLAR COORD. N. E. COLLAR ELEV. BY SHEET 5 OF 10
KECO .	SCALE ASSAY Mo cu		SECTION	DETAIL	NOTES	GENERALIZED NOTES
NEC	10 84 25 48		35 370 370 370 370 370 370 370 370 370 370		sheared ve) sound o, biotite V. wK	GENERALIZED NOTES Porphyritic Biotite Granite (as above)
American Ame	25 5°2		35 00 000			

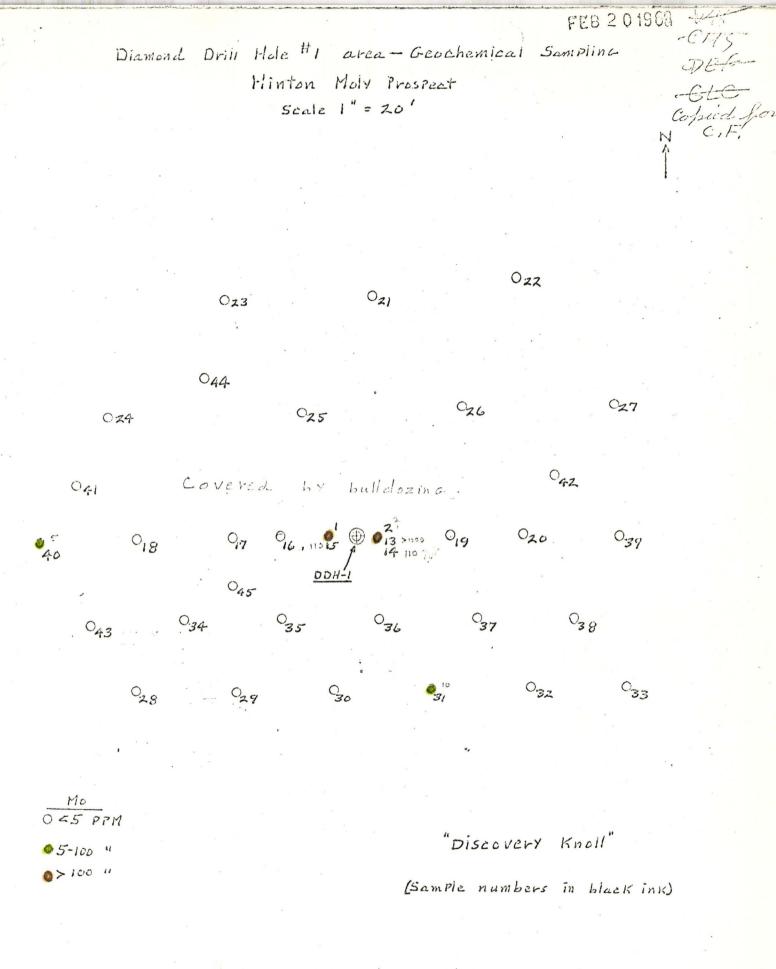
了 「	EEF	`			(PL NY		RATION	INCLINA STARTE COMPLE	N HOLE NO. DDH/B TION PROPERTY HIM FOR DD LOCATION E. COLLAR ELEV.
	DIAMOND DRILL RECORD SCALE						RD	NOTES	BY F J. Nelson SHEET Co OF 10
"KECO		MO C PPM P	u T		SECTION	COLUMN	DETAIL	NOTES	GENERALIZED NOTES
		30 4			475	A DALLA DALLA DALLA DO LING DA DA	Generally (as above) Rare '	Porphyritic Biotite Granific (as above)
			24		495	、珍经	Intense s	hearing	
			16		515	送を登りる。以外のは、日本のは、日本のは、日本のは、日本のは、日本のは、日本のは、日本のは、日本	Moderate. Bare Fe mostly"	.Sz.; Felds	Obscured by intense alteration. Texture and composition masked by Folds Pathization. Kaplin and sericite. White to Fink color Mainly couranular biotite Granite Some Porphyritic intervals.
						いるかい		•	

•	C DIAMOI	OMP	EXPLORA ANY ll record	ALION	STARTEL	HOLE NO. DDD STORY
2020	ASS	SAYS	SECTION	DETAIL 540'	NOTES	GENERALIZED NOTES '
	PPN	PP:11	555			Equigranular Biotite Granite Some intervals more Porphyritic
	25	480	500 500 500 500 500 500 500 500 500 500	Very hard	ed blebs FeSz.	"Felds rathized Rock" - texture and Composition obscured by intense alteration. Some Kaolin and sericite.
, 1		5 44		\mathbf{H}		

REEPORT EXPLORATION COMPANY DIAMOND DRILL RECORD SCALE						INCLINAT STARTED COMPLET DEPTH	N HOLE NO. DDH-3 TION PROPERTY HINTON D LOCATION TED COLLAR COORD. N. E. COLLAR ELEV. BY SHEET 8 OF 10
	ASSAYS OF THE CALL			DETAIL I	NOTES	GENERALIZED NOTES	
the second secon	N:I	36	55.5.00	の一方がはいくからないのできないというからいのできないというできないというできないできないというないできないできないできない。	No MoSz N Rare Fes		"Felds Pathized Rock" (as above) Equicronular and Parphyritic Biotite Granite. Textures Variable, highly altered but reconizable

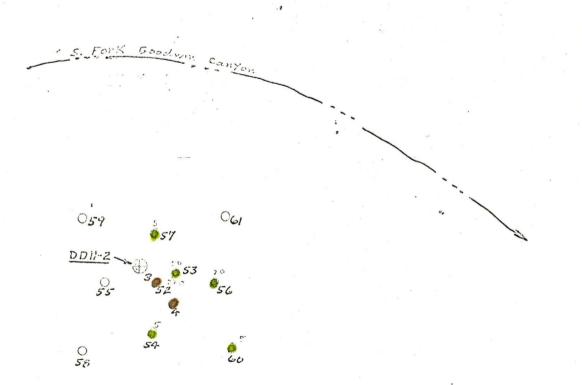
FRE	EEPORT EXPLORATION	DIRECTIONINCLINATION _	HOLE NO. DDH-3 PROPERTY Hinton
	COMPANY	STARTED	LOCATION E
1	DIAMOND DRILL RECORD	DEPTH	COLLAR ELEVSHEET_S_OF_10
	SCALE	NOTES BY	SHEET9OF10
%t ECD	ASSAYS NO DETAIL PRII PRM PRII PRM PRII PRM	NOTES	GENERALIZED NOTES
REC	Mo Cu PPM B DETAIL 720 725 10 Strong Cla alt. No Ma Fess. Fresh Feld bright blac. St. macnet. 755 0 760 775 0	spars and K bistite of a te. Solution of a te.	GENERALIZED NOTES Granite - equicronular and ic (as above) lacite Porphyry; Fresh; abund. F2304 tic Biotite Granite (as above)

FR.	REEPORT EXPLORATION COMPANY DIAMOND DRILL RECORD SCALE 1"= 10"						INCLINAT STARTEL COMPLE DEPTH_	N HOLE NO. DDH-3 TON Vertical PROPERTY Flinter Banch D 6 Mar. 168 LOCATION ILW. Cor Chala 57 TEDU Apr. 65 COLLAR COORD. N. E. 900 FT COLLAR ELEV. ± 41.50' BY F.J. Nelson SHEET 10 OF 10
				71			NOTES	BY F.J. Nelson SHEET 10 OF 10
%ECD	A	SSAY		SECTION	COLUMN	DETAIL 8/0/	NOTES	GENERALIZED NOTES
		<5 4·0		835	とりていているとないないののこのとののことのことのとうないとのとうないというないと	Generally Las abov	arren	Felds Pathized rock - Texture and Composition Obscured by Intense alteration
		Nil 20			12.00 D	V. St. alte cridote., K.		Porchyritic Biotite Granite (as above)



Diamond Drill Hole #2 area - Geochemical Sampling Hinton Moly Prospect Scale 1" = 50'

063 062 050 300 047 049 065



Mo CZ5 PPM

95-100 "

€>100 "

South Fork Goodwin Canton

N.W. corner "Chula #59

(Sample Numbers in black ink)

SOUTHWLOTERN ASSAYERS & CHEMISTO, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5911

Freeport Exploration Company 4249 North Soldiers Trail Tucson. Arizona

JOB# 002145

RECEIVED 2-23-68

REPORTED 2-26-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER pp:n	ZINC		MOLYBOENUN
C- 1				•	-		10
2							5
			•				
3							5
4						. *	5
·· 5							< 5
6	•						< 5
7							10
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	fix.	CISTERED CO					
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	I VI IK	Madix oll	\ \				
	II Chill	MARKET LANGE					
1		Sienos					
		iona U. S. N.				•	
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				1	1 /w		
		•		5 -/			
•			1	11/1	- Friends		
		:	$ \sim $	1/1	1 March	1.0	* .
	17.50			I = r/	المسترا	10/68	1

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. . . PHONE 602-294-5311

Freeport Exploration Company

JOB# 002154

RECEIVED 2-25-66

REPORTED 2-25-66

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER %	ZINC "		моглвоеип Мослерей Моглерей
C - 8							10
9					•		20
10							30
11	•		·		•		25
12		•					15
13	•						5
14.				•			5
15		•				•	< 5
16			•		•		< 5
17							< 5
18							15
19					•		10
20						•	< 5
. 21	•						< 5
22	•		•				< 5
		•					
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				to	Marketin .		
			$ \cdot, \cdot\rangle \neq \cdot \ell$		1000	•	

CHARGE \$ 37.50

Gold and Silver reported in troy ez. per 2,000 lb. ton

Rotary Drill Hole "c" - Hinton Ranch

Sample	No.	Interval	Mo ppm
c-1 c-2		0 - 5 feet 5 - 10	10
c - 3 c - 4		10 - 15	5 ⁻
C - 5 C - 6 C - 7		20 - 25 25 - 30 30 - 35	< 5 < 5 /10\
C-8 C-9		35-40 40-45	10
C-10 C-11 C-12		45-50 50-55 55-60.	30 25 15
C - 14		60-65	5
C-15 C-16		70 - 75	<5 <5
C-17 C-18 C-19		80 - 85 85 - 90 90 - 95	25 15 10
C-20 C-21		95 - 100	25 25
C-22		105-110	45

This hole was bottomed at 110 feet, and Validated:

Chula # 11

REGIOTERED ASSETER

WELLX K. OURAZO

WIL WRIGHT

ANIZONA REGINO. 578

R.O. BOX 7617 10050N ARIZONA 80713 MOE EVANS BLVO. PHONE CA-25 - CONT

Presport Exploration Company

					OIFORTED.		
SAMPLE	GOLD 57.1	SILVER 02.1	1.74	V.C.P.T	710 (2		MOLYEPERU THERE
	And application of the state of						44
Deli							
2							13.03 X
3 .							5
4)							5
5							$\mathbb{N}_*\mathbb{N}_*$
6							N.D.
							N.,D.
							1 N.D.

9							N.H.
10							11.
11.							
1123						e Neo de	N-1
1.							N.D.
14							N , D,
			7				ND
15							ND.
15							
			NZ =				
	1 to 1/3						
					1 /		
	1			1 -7/			
	A TANK	Manual V. S.	AN	61770			
			1 11	1//-	The state of the s		
			104		10-11		
	1.	17.1		11.1	1:131		

CHARGE _____ \$ 32.00

* Gold and Silver reported in troy oz. per 2,000 lb. ton.

Rotary Drill Hole "D" - Hinton Ranch

Sample No.	. Interval	Mo ppm
D -1	0-5' peet	N, I
D-2	10	5
D-3		<u> </u>
D-9	20	
D - 5	25	
D-6	30	₩.·!
D - 7	35	Nil
D-8	. 40	
D 9	45	N. (
D - 10	50	N:/
D-11	55	Nil
D-12	60	Ni!
D-13	65	No.
D - 14-	70	Ni /
D - 15	75	N:
D-16	80	Nil Wil

This hope bottomed at 81 feet - had to be abandoned at this depth due to caving.

This hole validates: Chula # 7

9

REGISTERED ASSAYERS

FELIX K. DURAZO WIL WRIGHT ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company Route 2 Box # 731 West Tucson, Arizona

RECEIVED 3-15-68 REPORTED 3-20-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDEN
E- 1							N D
2			•				N., D.
			13 M	•			l
3							N.D.
4							N.D.
- 5			*.	•			N.D.
6	•				•		N.D.
7			•		•		N.D.
8			•				N.D.
9	•						N.D.
10							N.D.
11						•	N.D.
12							N.D.
13					*		N.D.
14	•	•	;				N.D.
15		•					N.D.
1.6		•					N.D.
17							N.D.
18		•		_			N.D.
19	•		•				N.D.
20							N.D.
21					•		N.D.
22							N.D.
23	•	STE RED	Sch	•		• .*	
		ALCADIA OFICATA					N.D.
24 2 5		11/18/2015	D.				N.D.
25 26	\	WRIG	17/2/1				N.D.
<i>'</i>	\	Millian I					N.D.
27	V	Gizona U.	s.\./			•	N.D.
28		114 0	The state of the s		_ 1	1	N.D.
	·			of Color	7.76	,	
				, ~ /	100	.1	
	70.00	·		AK W	أزورا المراجد	7. Ga	

SOUTH. ISTERN ASSAYERS & CHEMIC.3, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO WIL WRIGHT

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

ARIZONA REG. NO. 5875 Freeport Exploration Company 4249 North Soldiers Trail

002242 RECEIVED 3-15-63 REPORTED 3-20-68

Route 2 Box # 731 West

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENU
F'-1							N.D.
2							N.D.
3		·		•			N.D.
4						4	N.D.
5				•			N.D.
6							N.D.
7			· · · · · · · · · · · · · · · · · · ·	•			N.D.
8			,				< 5
9							< 5
10							< 5
11		•		•			N.D.
12							< 5
13							< 5
14							< 5
15			•				< 5
16				•			< 5
17-							N.D.
18							< 5
19	•				-		< 5
20							N D.
21							N.D.
22		de la company de				•	N.D.
23		REGISTERED				••	N.D.
24		1375	1/20/1				N.D.
	\ \	WILEUR D.					N.D.
. 25 26		3					N.D.
20		Antona U. S. F.					
		0. 5.					
						1 71-1	
			•		OH OH	A Thur	
					lash Jan	1.	•
	\$ 65.00		•	•	UK"	11.00	

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

CHARGE

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company Route 2 Box # 731 West Tucson, Arizona JOB#_____002243 RECEIVED _____3-15-68_____ REPORTED _____3-20-68_____

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC		MOLYBDENUM
G- 1							N.D.
2		•		•	<i>:</i>		N.D.
3	·						N.D.
4				•		•	N.D.
5		•					N.D.
6		• • • • • • • • • • • • • • • • • • •		•			N.D.
7		•			•		N.D.
8		•					N.D.
9		•					N.D.
10		•					N.D.
11				•			N.D.
12	·						N.D.
13.							N.D.
14							N.D.
15		•	'				N.D.
16		•		•			N.D.
17		•					< 5
18		•		-	•		< 5
19							15
20			•				10
21							< 5
22							10
23 '				••			15
24							< 5
25							N.D
26			·				N.D.
27							N.D.
28		•					N.D.
29							< 5
30		•			017		< 5
31				O/L	Date		< 5

- (Killing)

REGISTERED ASSAYERS

FELIX K. DURAZO WIL WRIGHT ARIZONA REG. NO. 5875 P. O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company

JOB#	002243	Continued
RECEIVED		
REPORTED		

		,			REPORTED		
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER	ZINC		MOLYBDENUM %
G-32							10
33							N.D.
34	••						< 5
35							< 5
36				e de la companya de			
37				•			5 .
38							5
							15
39					•		20
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	W. W. W. W.						
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\	ona U.S.	R. January	•				
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					OK.	J,-)	

\$ 100.00

(Kilon) CHARGE

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JEB		
Di	-7	
I.L.		
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同联	泛	· M'C
(2)	1-	

Rotary holes - E, F, G:

All samples on 5-foot intervals,

at 0-5 Feet.

These holes for location validation only.

"E" Validates: Chula + 21, 22, 23, 24, 25, 26.

"F' Validates: chula # 18, 19, 20, 27, 28, 29

"G" Validates: Chula #14, 15, 16, 17, 30, 31, 32, 33, 34

APR 4 1968

BEK

REGISTERED ASSAYERS

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. DEF

FELIX K. DURAZO
WIL WRIGHT
- ARIZONA REG. NO. 5875

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB# 002263

RECEIVED 3-23-66

REPORTED 3-29-68

	SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	· LEAD	COPPER	ZINC %		MOLYBDENUM %
	H- 1							N.D.
'	2	-		•	•			N.D.
	3							N.D.
	4					*		N.D.
	5							N.D.
	6							N.D.
	7							N.D.
-	8							N.D.
	9			•				N.D.
	10							N.D.
	11							N.D.
	12		•					N.D.
	1			٠.				N.D.
,	13				***			N.D.
•	14							N.D.
	15 16							N.D.
•			No.					N.D.
	17		\(\frac{1}{2}\)					N.D.
	18							N.D.
•	19							N.D.
	20	-						N.D.
	21							N.D.
•	22					••		N.D.
•	23						•	N.D.
	.24		•					N.D.
	25						·	N.D.
	26							N.D.
	27							N.D.
•	28						•	N.D.
	29							N.D.
	30							NDD.
	31				1		1	1 111110

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Comapny

JOB#______002268 Continued_______RECEIVED _______

						REPORTED		
1	SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM %
	н- 32							N.D.
	33							N.D.
	34						•	N.D.
ĺ		•						N.D.
	35 36	•						N.D.
	37							N.D.
			•					N.D.
	38		•				•	N.D.
	39			•				N.D.
	40							
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			10	Wizona U. S. A.				
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				Jan Jan	5			
			1 100	رن المارسهل	u			
	1		リバイ	1 14 10			•	•

\$ 100.00

Cold and Silver reported in troy oz. per 2,000 lb. tor

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 8875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

APR

4 1968

Freeport Exploration Company 4249 Northf Soldiers Trail Tucson, Arizona

JOB# 002259 3-23-68 REPORTED 3-29-68

Tucso	n, Arizona	na					
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC		MOLYBDENUM %
					•		N.D.
I- 1							N.D.
2					• • •	•	N.D.
3							N.D.
4							N.D.
5							N.D.
. 6							N.D.
7						-	N.D.
8							Ī
9							N.D.
10				•			N.D.
11							N.D.
12		•					N.D.
13							N.D.
14							N.D.
							N.D.
15							5
16							5
17				•			10
18							5
19			£ .				5
20							N.D.
21			•				į.
22							N.D.
23	•	3 A			•		N.D.
24 .							N.D.
25							N.D.
26		•					N.D.
27			•			•	N.D.
28							N.D.
l .							N.D.
29							N.D.
30							N.D.
31			1	1	1	• •	71 0 10 0

CHARGE

INVOICE

per 2,000 lb. ton.

REGISTERED ASSAYERS

P.O. BOX 7517 TUCSON, ARIZONA 85713 BEK

710 E. EVANS BLVD. DEF PHONE 602-294-5811

APR

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

·	SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM
	J- 1							N.D.
	2	· -• ·		·			•	N.D
	. 3							N.D.
	4	•						N.D
	5							N.D.
	6	•						N.D.
	7				•			N.D.
	8							N.D.
	9						.*	N.D.
	10				•			N.D.
	. 11							N.D.
	12							N.D.
	13							N.D.
	14							N.D.
	15			•				N.D.
	16		•					N.D.
	17							N.D.
	18			•				N.D.
	19				_			N.D.
	20			•				N.D.
	. 21	-						N.D.
	22							N.D.
	23					•-		N.D.
	24							N.D.
	25					•		N.D.
	26					**************************************		N.D.
	27							85
	23							5
	29							<5
	30			•				5
l	31							330 🗐

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company

JOB#______O02270 Continued
RECEIVED _______3-23-68

	•				REPORTED	·	
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM %
J- 32							110
		* 			7 		115
33		•		•			30
. 34		, ·					l
35		•			•		5
36							30
37							5
38							5
39							35
40			•				<5
40							
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•	REGIST	FICAVE			•		
	SERT.	5875 30 15		•			
1 1 1		BUR D.					
	I WOKE "	12/1		•			:
	The State of the S	ned					
•	Alizona	U. S. A.	/ n.	J. J. J.			
			mark the	'			
	1	1					
		i jun	111 /				
	:	1617	L'us				1 .

\$ 100.00

SOUTH STERN ASSAYERS & CHEMIC.3, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

APR

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB# 002271 RECEIVED 3-23-68 REPORTED 3-29-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER %	ZINC %		MOLYBDENUM %
K- 1							N.D.
2,							N.D.
3							N.D.
4				•			N.D.
5	• .					•.	N.D.
6							N.D.
7							N.D.
8							N.D.
9			•				N.D.
10							N.D.
11		•					N.D.
12	•	•			,		N.D.
13							N.D.
14							N.D.
15			.•				N.D.
16							N. D.
17							N.D.
18			•				N.D.
19				-			N.D.
20							N.D.
. 21							N.D.
22			1				N.D.
			191				
		REGISTERE	0 K23	•			
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			UR D.	•			
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		1 4K. U	1/1/2 /	31			

SOUTHY STERN ASSAYERS & CHEMIST, Inc

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

INVOICE

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

\$ 50,00

JOB# 002314

RECEIVED 4-1-68

REPORTED 4-3-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM
L- 1						•	N.D.
2 2						•	N.D.
				•			N.D.
3 4	.•	•					N.D.
5 ·	er.						N.D.
6							N.D.
							N.D.
7 8						•	N.D.
							N.D.
9			•				N.D.
10							N.D.
11	. 4						N.D.
12							N.D.
13						•	N.D.
14							N.D.
15			•				N.D.
16							N.D.
17							
18							N.D.
19						•	N.D.
20		1 1			•		N.D.
		ED ISS					
		The state of the s					
		Marie !					
	1///	Wale Sienze					
		Arizona U.S		j.1			
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	*.		1 1/1/1/	1/2			
		3.4	16 Jan Jank	AV, VO		•	
		1 1.50	Jack James	171			

* Gold and Silver reported in troy oz. per 2,000 lb. ton.

SOUTH STERN ASSAYERS & CHEMIC'S, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER %	ZINC %		MOLYBDENU!
M 1							N.D.
2	•				٠		N.D.
3	· · · •				•		N.D.
4							N.D.
5							N.D.
6	•						N.D.
7	•						N.D.
8		•					N.D.
9							N.D.
10	•						N.D.
11						•	N.D.
12						•.	N.D.
13		•					N.D.
14	-						N.D.
							N.D.
15			-				N.D.
16							N.D.
17.							N.D.
18							N.D.
19							N.D.
20			/				N.D.
21			,				1
22		EGISTERES (S)					N.D.
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24		Mensus P.					N.D.
25	1 1111	WRIGHT					N.D.
26 ·	M	Siened - Trans					N.D.
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			la di-	14.			
		S.	3 1 1000 100				
		1	10 1,00			!	

CHARGE _____\$ 55.00

* Gold and Silver reported in troy oz. per 2,000 lb. ton.

INVOICE

SOUTH STERN ASSAYERS & CHEMIC'S, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 Northf Soldiers Trail Route 2 Box # 731 West, Tucson, Arizona JOB# 002316

RECEIVED 4-2-68

REPORTED 4-4-68

SAMPLE NUMBER	GOLD OZ.	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MALADENU 4
V- 1							n.D.
2		••					N.D.
3 .							IND.
4					Lite		W.Di
5							45
, 5							K,5
7							15
8 -							55
19.							45
10.							5.
17							A.D.
12							37.0.
13							Y. D.
14							N.D.
15			,				¥.D.
15							Nib.
17		1					a di. d.
164							5-
19							N.D.
20			<i>,</i> :				N.D.
21		1					N.D.
22				na e			N.D.
23							N_*, D_*
24	A						N.D.
25		FIP IS					N.D.
. 25	I A MI	Missellin					20
27	MN	M. A.	j	1			35
26	V :		\\\'\'\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	V			. 5
1 29 - 1			W. A.				10
30		10-11-					25
		111/12	1000			karana d	

SOUTH STERN ASSAYERS & CHEMITS, Inc.

APR 9 1968

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 8875

P.O. BOX 7517
TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

\$ 20.00

CHARGE

0- 1 2 3 4	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM % N.D.
0- 1 2 3 4			•				37 7
2 3 4						i	1 N.D.
4						•	N.D.
4				•		:	N.D.
	l				i		N.D.
-)		N.D.
6				,			N.D.
7			•				N.D.
. 8			•			·	N.D.
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SOUTHWLJTERN ASSAYERS & CHEMIS. ., Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC .		MOLYBDENU
DH 1-1-1							N.D.
2			1. 1.				N.D.
3							: N.D.
4				•			N.D.
5					•		N.D.
6							N.D.
7				•		•	N.D.
8					•		N.D.
. 9	. **						N.D.
10							N.D.
11				•			N.D.
12				* . * * * * * * * * * * * * * * * * * *		•	N.D.
13			•	•			N.D.
14		•					N.D.
15		•	•		. %.		< 5
,16		•			_		< 5
17			•				< 5
18		•		-	•		< 5
19					•		N.D.
20			/			-	N.D.
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		661 / 100	Ar.				•

CHARGE \$ 50.00

SOUTHV. STERN ASSAYERS & CHEMIS. J., Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER %	ZINC %		MOLYBDENU %
)H:1-2- 1				•			N.D.
2					•		N.D.
3							N.D.
4					*.		N.D.
. 5				• .	•		N.D.
6				·			N.D.
7							N.D.
8							N.D.
9			•		,		N.D.
10							N.D.
11							N.D.
12		. 4					30
13					•	·,	10
14	•	·					5
15			. !				< 5
16							45
1 17	,	1		•	•		< 5
18			,	•			. < 5
19	•			,		,	< 5
20			•				< 5
		,	j				
		1 ^					
	MEG	STERED ACCOUNTS					,
		5875					
	W. W.	WILDUR D.					*
		4	//	12.11.	1.5		
	10/10	Single S. No.	, · · ·	1º 119	C.		
		10 0. 0.	امات اسل	~ \$\frac{\pi}{2}			
		1 11	and June	2.4.			
		In later	10 10				

SOUTHWESTERN ASSAYERS & CHEMISTS, Inc.

REGISTERED ASSAYERS

ELIX K. DURAZO WIL WRIGHT ARIZONA REG. NO. 5875 P.O. FOX 75/7. TUŞŞÇN, ARIZENA 86713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB#______002328

RECEIVED ______4-1-68

REPORTED ______4-5-58

Tucs	on, Arizona				REPORTED	4-5	<u>-58</u>
SAMPLE NUMBER	GOLD Oz.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUN
1-3- 1				•			N.D.G.
2							N.D.
3			•				N.D.
4							N.D.
5							
6							N.D.
7							
8			•			•	N.D.
9		·					N.D.
10							N.D.
11			•				N.D.
12	•						N.D.
				•		•	N.D.
13							N.D.
14		÷	•	•			N.D.
15		•					N. D.
16							N. D.
17			•				N.D.
18					•		N.D.
19							. N.D.
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Income ME File

SOUTHWESTERN ASSAYERS & CHEMISTS,

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration
4249 North Soldiers Trail
Rt.# 2 Box 731 W, Tucson, Arizona

002053

RECEIVED 2-6-68

REPORTED 2-7-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM %
DH-DDH-1				•.			
# 1				•			0.275 %
2							40 ppm
3							20 ppm
4		•				•	5 ppm
5							10 ppm
6			•				< 5 ppm
7		•					< 5 ppm
8							< 5 ppm
9			•				N.D.
10							< 5 ppm
11							5 ppm
12			•				N.D.
13		•					N.D.
14							N.D.
15							N.D.
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SOUTHWESTERN ASSAYERS & CHEMISTS, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5911

Freeport Exploration Mr. Frank Nelson

4249 N. Soldiers Trail

Rt # 2 Box 731 W

JOB#____002078______ RECEIVED __2-8-68_______ REPORTED __2-11-68_______

SAMPLE NUMBER	Arizona GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM
DH-DDH-1				•	•	•	
# 16						•	10
1					•		5
17							<5
18			•				<5
19					•		5
20							<5
21			•		•		1
22			•				<5
23							10
24.		. •					N.D.
	•						N.D.
A- 1							N.D.
2							N.D.
3							N.D.
<i>A</i> 5				*			1
							N.D.
6							N.D.
7					•		<5
8							<5
9							<5
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	-**						

SOUTHV. STERN ASSAYERS & CHEMIS. J., Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5911

Freeport Exploration Company 4249 North Soldfies Trail
Tucson, Arizona

JOB#______002132_____ RECEIVED _____2-21-68_____ REPORTED _____2-68_____

Tucson	MI I ZOIIC				2-22-0		
SAMPLE- NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER %	ZINC		MOLYBOENUI mqq*
DH-DDH 2:	.,		•			•	
# 1							40
2			•				30
							< 5.
3							1
4						•	< 5
5	•				7	-	10
6	•						< 5
7		**			-	***	10
8			•	•		•	15
9					•		- 60
10							15
						• •	1
11		•		•	•		10
12			•				10
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SOUTHV. STERN ASSAYERS & CHEMIS. J. Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. ... PHONE 602-294-5811

Freeport Exploration Company 4149 North Soldiers Trail Tucson, Arizona

JOB#_____002146_____ RECEIVED ____2-23-68_____ REPORTED ____2-26-63_____

SAMPLE NUMBER COLD OZ.* SILVER OZ.* LEAD PRM ZINC NA MOLY DH-DDH-2 # 13 72 50 16 15 16 17 18 19 20 21 10 10 10 10 10 10	BDENUM
# 13 14 15 16 17 17 18 19 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 20 21 20 21 20 20 21 20 20 21 20 20 21 20 20 21 20 20 21 20 20 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20	P
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14 44 10 15 48 20 17 44 30 18 56 40 19 48 10 20 52 70 21 53 10	•
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16 52 25 17 44 30 18 56 40 19 48 10 20 52 70 21 53 10	
17 18 19 20 21 21 44 56 48 52 53 10	
18 19 20 21 56 48 52 70 10	
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SOUTHV. STERN ASSAYERS & CHEMIS. J., Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO WIL WRIGHT ARIZONA REG. NO. 5875 P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5911

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB#____002153______ RECEIVED ____2-25-68_____ REPORTED ____2-8-68_____

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER ppm	ZINC %		MOLYBDENUM POM
DH-DDH-2:							1
# 22				32			10
23				28			5
24				40			20
25				96		•	50
26	•	•		60			120
27	-			64			150
28				80			140
29	•	• . •		64			110
30	•		•	72			160
31				56			90
32				68			140
33				56		•	70
34	• •			. 40			10
35	•			40			15
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			1 Jak	3/25/3			

\$ 49.00

CHARGE

* Gold and Silver reported in troy oz. per 2,000 lb. ton.

SOUTHVE STERN ASSAYERS & CHEMIS. ... Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Mister Frank Nelson Freeport Exploration Company Route 2 Box # 731 West Tucson, Arizona JOB# 002191 ... RECEIVED 3-5-53 ... REPORTED 3-8-69 ...

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER Ppm	ZINC		MOLYBDENUM prom
DH-DDH-2							37.70
# 36				120			N.D.
37	,			68			N.D.
38		•		72 ·			20
39		•		60			25
40				72			10
41				68			30
42				56			5
43				60	••		N.D.
44	•			56			N.D.
45				52		•	N.D.
45	*			84			N.D.
47				67		•	N.D.
48				60			N.D.
49				56			N.D.
49					1		
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SUUTIINIEJIERN ASSAYERS & CHEMISTO, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company Houte 2 Day : 731 West Tucson, Arizona

	Arizona	611.1/55	1545	CORDER ZINC			MOLYBDENUM
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER DOM	ZINC		MOLYBDENUM DŽŪ
DH-DDH-2:							
# 50				56			10
51				44			15
52				60		•	10
53				52			10
•							
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Hinton Prospect - DOH #2

Sample No.	<u> </u>	terval	Mo ppm	Cu ppm
	From	To		
- DDH-2 "1	0.0	10.0	40	
	10,0	15.8	30	
3	15.8	20.8	25	
4	20.8	20.7	45	
	20.7	36.0	10	
	36.0	45.3	45	/ ₂
2	66_0	75.0	10	
8	93.0	99.8	15	
9 m	99.8	109.9	60	
	109.9	119.9	15	
	119.9	130.1	. 10	
<u> 12.</u>	130.1	137.8	10	
13	153.0	164.0	50	72
14	164.0	173.0		ar-
15	173.0	179.2	20	48
16	179.2	184.9	25	52
17	195.9	205.7	30	44
18	205-7	215.5	56	40
19	232.0	202.0	48	10
20	242.0	252.0	52	70
21	272,1	280.0	53	10
22	297.5	306.0	10	32
23	324.1	334.4	5	28
24	354.0	363.0	20	40
25.	378.0	381.0	. 50	96
26	381-0	387.5	120	60
27	387 -5	392.8	150	64
28	392.8	390,0	140	80
29	398,0	405.0	110	69
30	406.0	4.16.0	160	72
3/	4-16 -0	926.0	90	56
	426.0	436,0	140	68
	436.0	448.0	70	56
_	AA 8.0	1.56.0	10	40
35	965.0	475.0	15	40

Fernale No.	Int	revval	Mo ppm	cu ppm		
	Fhin	10				
36	484.0	494-2	·Nil	120		
37	504.0	514,0	Hil	68		
38	524.7	534,5	20	72		
39	534.5	538.1	25	60.		
40	538.1	546,0	10	72		
41	556.0	566.0	30	68		
42	576.0	586.0	5	56		
43	606.0	616-0	Nil			
44	634.7	644.7	Nil	56		
45	662.0	670.4	Nil	52		
46	689.0	699,0	Nil	84		
47	710,0	719.0	Nil			
40	735,1	795.0	Nil .	60		
49	764.5	775.0	Nil	56		
50	795,0	504.0				
51	816,0	826.0		en de la companya de La companya de la co		
52	836,0	846.0	en e			
53	856.0	863.0	المراجع المراج المراجع المراجع المراج			
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SOUTHWESTERN ASSAYERS & CHEMISIS, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO WIL WRIGHT

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

ARIZONA REG. NO. 5875 Freeport Exploration Company 4249 North Soldiers Trail

Route 2 Box # 731 West

002240 3-14-68 RECEIVED . 3-20-68 REPORTED ...

Tucso	on, Arizona		•		REPORTED	<u> </u>	,
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM %
DH-DDH-3:							
# 1		•		36 ·			< 5
2				92			10
3				152	1		< 5
4		•	(4 - H)	132	,		5
5				140 (į.	20
6				188		•	260)
7				192			340
8			•	172			< 5
. 9				48 .			' N.D.
10			•	44			55
11				32		•	70
12				24			₹ 5
- 13				24			< 5
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per 2,000 lb. ton.

SOUTH VESTERN ASSAYERS & CHEMICIS, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 6875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Route 2 Box # 731 West

JOB# 002265

RECEIVED 3-21-68

REPORTED 3-25-68

SAMPLE SAMPLE	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	· ZINC		MOLYBDENU
NUMBER	oz.*	OZ."	%	<u>~~~</u>	/6		
DH-DDH-3:		•,	-	40			50
# 14				40			50
15				32			30
16				24	•		85
17		•		40			100
18				24			20
19				32	-		10
20		•		33		•	5
21			•	41			165
22	•			34		•	35
23				16			80
24				24			5
25		•		24		.•	5
26	•			33			10
27		•		32	•		20
28		:		23			100
29				•	•		
30				40		•	50
1			• • •	32			15
31				16			30
32				32			30
33		•		34			10
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SOUTHV' STERN ASSAYERS & CHEMIST, Inc

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. . PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB# 002306

RECEIVED 3-29-68

REPORTED 4-2-68

Tucson, A	rizona				REPORTED	4-2-50	·
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER ppm	ZINC . %		MOLYBDENUM přím
DD DDH-3:							
# 34			•	84			10
35				48			< 5
36				52			< 5
37			•	40			30
38				24			5
39	•		•	16			< 5
SW-40				80	•		85
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SOUTHWESTERN ASSAYERS & CHEMISTS, Inc.

REGISTERED ASSAYERS

P.O. BOX 7517 TUCSON, ARIZONA 85713 APR 2 4 1968

710 E. EVANS BLVD. PHONE 602-294-5811

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

Freeport Exploration Company 4249 Northf Soldiers Trail

JOB# 002375

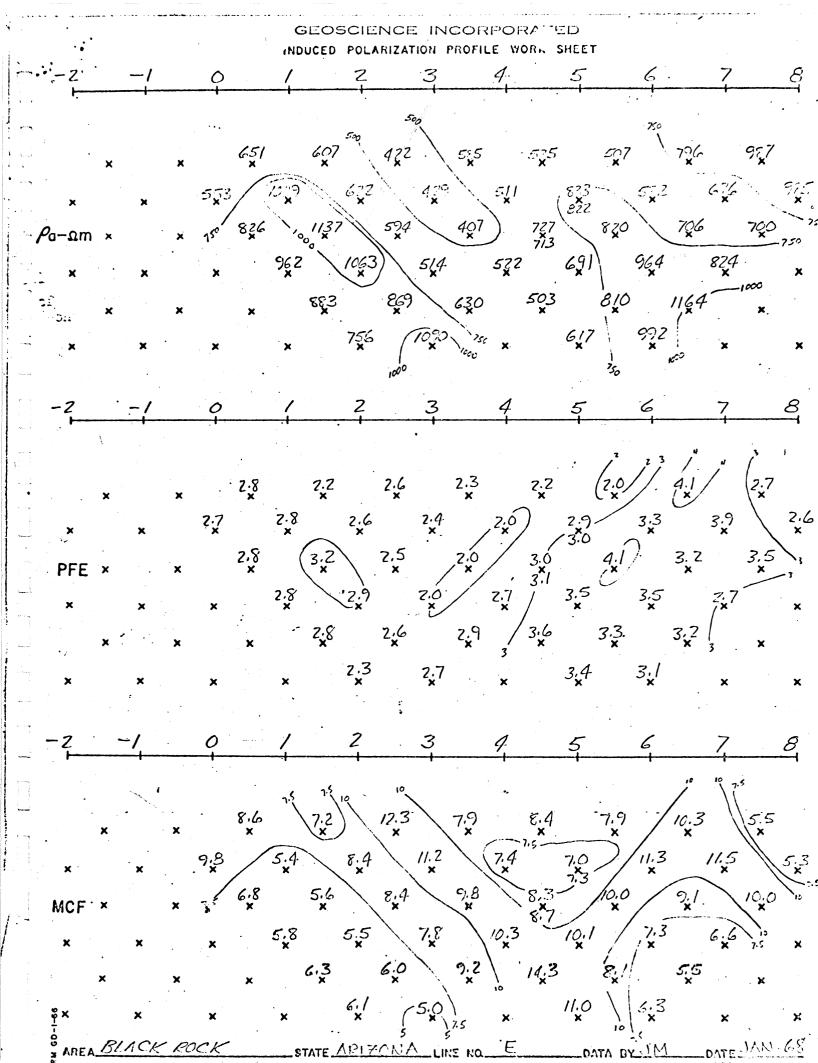
RECEIVED 4-12-68

REPORTED 4-15-68

CAMPI C	GOLD	SILVER	LEAD %	COPPER	ZINC %		MOLYEDENUM pom	
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	%	ppm	%		mord	
			_			in the second of		
DH:DDH#3:		•		480	•		< 5	
# 40	· .		•	44			5	
41				36			N.D.	
42	. •			28			N.D.	
43				i			30	
44				XX& 48			< 5	
45			•	47			1	
46	<u>.</u>			40			< 5	
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HINTON RANGH MOLY PROSPECT REPORT SAFFORD, ARIZ. HINTON RANCH- ARIZ FREEPORT EXPLORATION CO. Hinton Ranch Molybdenum Prospect
Summary Report

Frank J. Nelson Freeport Exploration Company May 27, 1968



NDUCED POLARIZATION PROFILE WOR 440 308 388 487 316 250 270 419

370 399 366 482 432 542 340 352 430

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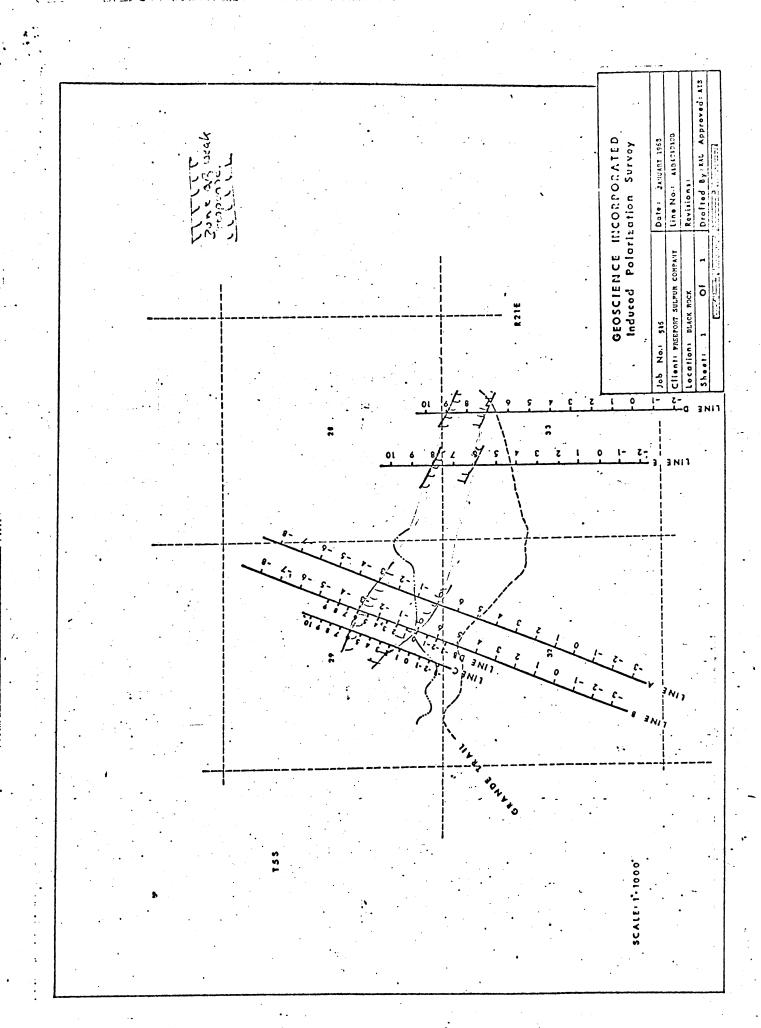
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8.7 9.5 10.8 8.5 19.2 9.6 9.2

11.1 10.9 10.0 17.4 9.1 9.2

x 7.5 10.2 x 7.5 5.9

x × 7,5 5,9 Allow STATE ARIZ LINE NO 10 DATA DY JAM DATE 3-15



Hinton Ranch Molybdenum Prospect

Summary Report

Location

Approximately 28 miles northwest of Safford, Arizona, in the Santa Teresa Mountains. The area covered includes parts of Sections 19, 20, 28, 29, 30, 31, 32 and 33, Township 5 South, Range 21 East, Graham County, Arizona.

History

This area was first brought to the attention of Freeport Exploration Company by Mr. Dan Hinton of Ft. Thomas, Arizona, and Mr. Leslie West of Safford, Arizona, on September 27, 1967. Mr. Hinton had uncovered a "ledge" of molybdenite—bearing granite porphyry while bulldozing in the northeast quarter of Section 32. This rock was shown to me by Mr. Hinton while I was visiting the area on an examination of other nearby prospects. Two samples, subsequently cut from exposures of the molybdenite—bearing rock assayed 0.400% and 0.230% total Mo.

Reconnaissance of the surrounding area and geochemical sampling were conducted through October. A letter of intent, setting forth the general form of a lease-option agreement was signed on October 15th. Staking of 110 claims and application for State Prospecting Permits began on November 15th and continued until December 14th. A severe snow storm and subsequent flooding made the prospect inaccessible until January 9th, at which time an I.P. survey was started. Drilling began on January 24th. Principally due to renewed flooding, it took until April 11th to complete three diamond drill holes. Exploration efforts on the prospect terminated on May 14th.

Geology

The prospect is located in the eastern edge of a large granitic intrusive (approximately 20 x 10 miles in area) located in the west-central part of Graham County. This intrusive stock consists basically of equigranular and porphyritic biotite granite, cut by dikes and masses of aplite, rhyolite and diabase.

In the immediate area of the Hinton Prospect, the granite is in contact with an andesitic volcanic vent and related flows and dikes. The granite explored is quite variable in texture, though mainly porphyritic, and is generally strongly weathered. Random dikes of aplite and veins of massive milky quartz are common. Jointing and fracturing are locally well—developed, trending mainly to the northwest. Intense shearing of the granite occurs in scattered zones, most notably in the northwest quarter of Section 28.

Patches of highly feldspathized and kaolin-sericite altered granite are found throughout the area of the prospect, both as surface exposures and in drill holes. Granite not affected by this type of alteration is generally fresh, once the surface-weathered crust is penetrated. Some silicification and locally strong clay alteration occur in the zones of highly sheared rock.

Anomalous molybdenum mineralization was found in 14 separate locations, contained within a roughly circular area approximately 6,000 feet in diameter, centering around the claim, "Chula #57." Disseminated molybdenite, pyrite and minor chalcopyrite were found in all the textural types of granite encountered on the surface or in drill holes (porphyry, porphyritic, equigranular, aplitic and pegmatitic). Aplite dikes encountered were barren, except for magnetite and traces of pyrite. The "feldspathized rock" is barren of molybdenum mineralization.

Geochemical Data

In general, geochemical prospecting seemed to be ineffective on this area. Enclosed are three maps showing some of the results of this survey. The 14 places in which anomalous molybdenum assays were gathered were:

	Highest	As	say
DDH_l 419'	0.275%	Мо	
DDH-2 863'	160	PPM	Mo
DDH-3 900'	340	11	11
Rotary Hole A	20	11	17
B	120	11	11
C	30	11	11
G	20	11	11
J	3 30	\$1	11
N	. 35	11	11
S.W. corner Chula #40	85 '	21	11
On road near Rotary Hole A	70	11	II
N.W. 1 Chula #58	35	11	11
Original MoS ₂ discovery	0.400%	Мо	
Near DDH-2 in outcrop	0.230%	Mo	

Geophysical Data

The induced polarization survey consisted of five northeast-trending lines, and was conducted by Geoscience Inc. under contract. A weak, subtle northwest-southeast trending anomalous zone was developed, and tested by the drilling of DDH-3. The report from Geoscience is attached.

Drill Hole Data

A total of 19 holes was drilled on the prospect. Three of these were diamond drill holes that went 419, 863 and 900 feet respectively. Geologic logs with assay data from these holes are attached to this report. The remaining 16 holes were rotary air-blast drilled, and used both for exploration and claim validation purposes. The deepest of these holes went 205 feet (Hole "I"). Assay results from these holes are attached.

Conclusions

The molybdenum mineralization found on the Hinton Prospect, while widespread, did not prove to be of economic grade.

The only rock containing molybdenite encountered on the surface or in drilling was the granite, in all its textural varieties. Discrete grains of molybdenite are found enclosed within crystals of feldspar and quartz, and commonly in flakes of biotite. The host rock is mainly fresh, with glassy feldspars and bright, black biotite.

It is probable, therefore, that the MoS₂ was first formed as one of the primary minerals of the granite, concentrated somewhat near the edges of the intrusive stock. Later tectonic deformation of the granite in this "fringe" of higher—than—background MoS₂ might have resulted in locally increased concentrations of the sulphides. This would account for the somewhat higher percentage of MoS₂ in the sheared and broken portions of the drill core.

Any further prospecting for suitable tonnages of economic grade MoS₂ mineralization should, therefore, be conducted along the fringes of the intrusive stock, in areas of intense fracturing and deformation.

Frank J. Nelson/bk May 27, 1968

July Comme

A PRELIMINARY REPORT OF THE INDUCED POLARIZATION SURVEY AT BLACK ROCK, SAFFORD, ARIZONA

FREEPORT SULPHUR COMPANY

HILLTON PREA A

GEOSCIENCE

INCORPORATED

REPORT

FORWARD:

This induced polarization survey was performed for and under the direction of Freeport Sulphur Company.

The areas surveyed were in the state of Arizona. An enclosed map shows the general location of the field sites. There were 6 setups run on 3 lines with a total coverage in excess of 22,000 feet.

A dipole-dipole electrode array using 500 and 250 foot dipole spacings was chosen for their survey.

The induced polarization lines are discussed setup by set-up in numerical order of the field work.

Overall comparisons and recommendations have been made
in the conclusion of this report.

The interpretations in this report are based on the geophysical data only. As yet, no attempt has been made to relate the geophysical data to geologic information.

DISCUSS ION:

Line Al:

This line was the first to be run in this program.

The apparent resistivity profile displays a somewhat high overall appearance, marked by some lower
resistivity contrasts.

A gradual decrease in near surface values is noted in a SW direction. A major contrast in values appear near to station 6 to 7. It would appear that a higher resistive rock underlays this line and might come closer to the surface at or about station 6 to 7.

The frequency effect profile displays some changes in value from a background of +2.0% to over 3.0%, which are displayed over 20% of this line. A normal increase in percent frequency effect occurs at or about positions 7-8 and continues to the northeast end of the line.

Line A2:

This line was the second to be run in this program.

The apparent resistivity profile displays a somewhat high appearance between positions 1-2 to 7-8, marked by some lower resistivity contrasts, suggesting a feature or contact at these locations.

The resistivities decrease to the northeast end of the line but no limit is given because of lack of data.

The frequency effect profile displays changes in value from a background of +1.0% to over 4.0%.

INCORPORATED

REPORT

Line Bl:

This line was the third to be run in this program.

The apparent resistivity profile displays in

general a very similar trend as noted in Line Al. An

increase in value occurs until about position 6 to 7.

where the higher resistivity come very close to surface.

It would appear that a major contact or feature exists

between stations 3 and 6.

The frequency effect profile displays changes from 2.0% to 5.0%.

There are two percent frequency effect features on Line Bl. The first feature is located between positions 1 thru 4. The second feature is the build up of frequency effects between positions 9 and 10.

Line B2:

This line was the fourth to be run in this program.

The apparent resistivity profile displays a high appearance from positions 2 thru 6, suggesting a contact or feature at two locations, position 3 to 4 and positions 6 to 7.

The frequency effect profile displays changes from a background of 2.0% to over 4.0%.

INCORPORATED

REPORT

Line DB:

This line utilized 250 foot dipole as opposed to the 500 foot dipole used on lines A & B. It was placed to ascertain the near surface response on Line B.

The apparent resistivity profile displays major contrasts in value. A high resistive zone is noted at or about location 1 to 2 and at or about location 8 to 10. A lower resistive zone is centered near location 3 to 4.

The PFE data displays an increasing trend between stations 2 to 5. The increase in values is from less than 2% to over 4%.

REPORT

Line C:

This line was the second check-out line to be run.

The apparent resistivity profile displays rather large contrasts in value. A high resistive feature is noted between station 1 to 3. A low resistive zone lies close to the NE of the resistive feature.

The frequency effect data displays a very definite increase in value between stations 5 to 7.

GEOSCIENCE

INCORPORATED

REPORT

CONCLUSION:

Certain features are apparent as a result of this survey. On line A it would appear that a slight increase in PFE value occurs between two zones of higher resistivity. The actual change is very slight. This feature is also apparent on Line B. This line displays though a stronger zone of higher PFE values. (On setup B₂).

It would appear that the high resistive zone on the coto both lines/nearly perpendicular to the lines, and that a definite cut-off in PFE values occurs at this point.

A second perpendicular high resistive feature is noted near to position 6 to 7 on both lines. This feature does not display the low PFE value noted on the other feature. This fact suggests even though the apparent resistivity values are similar a different rock type might occur.

The two check out lines confirmed the locations of the higher responses noted on Line B setup B_2 . Lines DB and C displays the feature noted on Lines A and B, namely the higher PFE values associated with the higher resistive zone in the center of the line and the lower response associated with the high resistive feature on the NE portion of the line B.

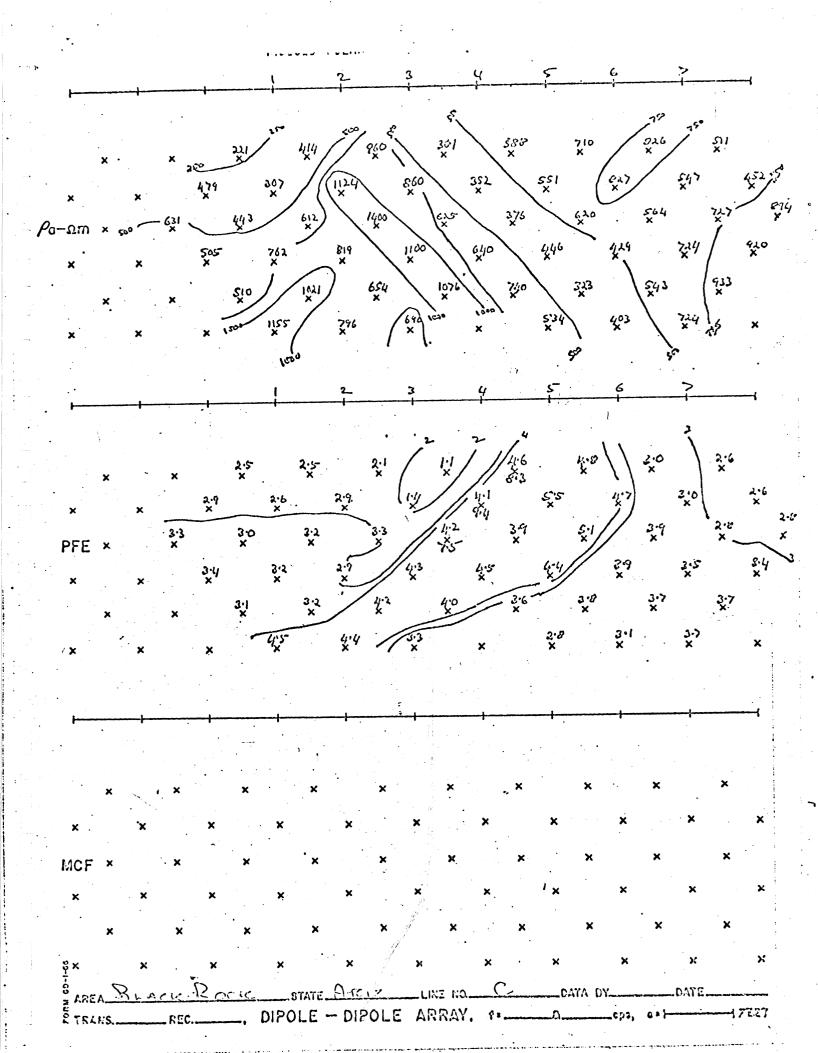
This report can be regarded only as a preliminary report of the work to date. Due to hurried preparation the format and contents of the report are subject to change.

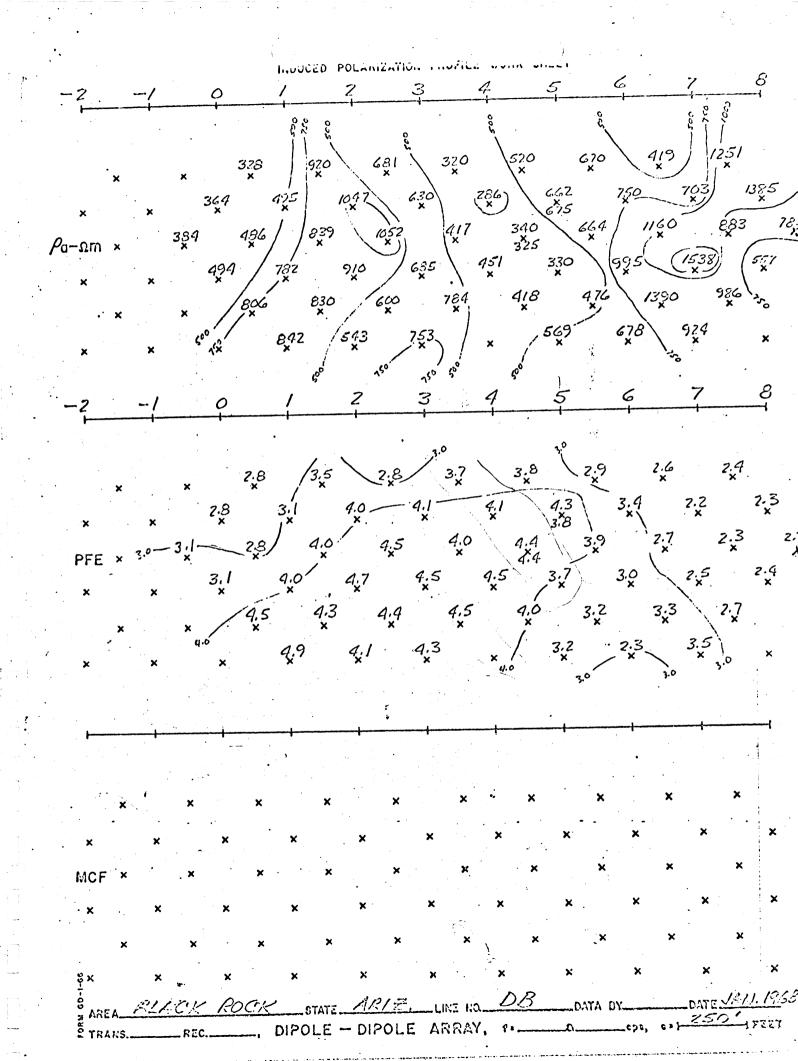
The survey has been continued to ascertain the regional changes within the stated area. Comparison of this data, upon its completion, to the data contained within this report, will allow definite comparisons to be made of the general area relative to the area of intent.

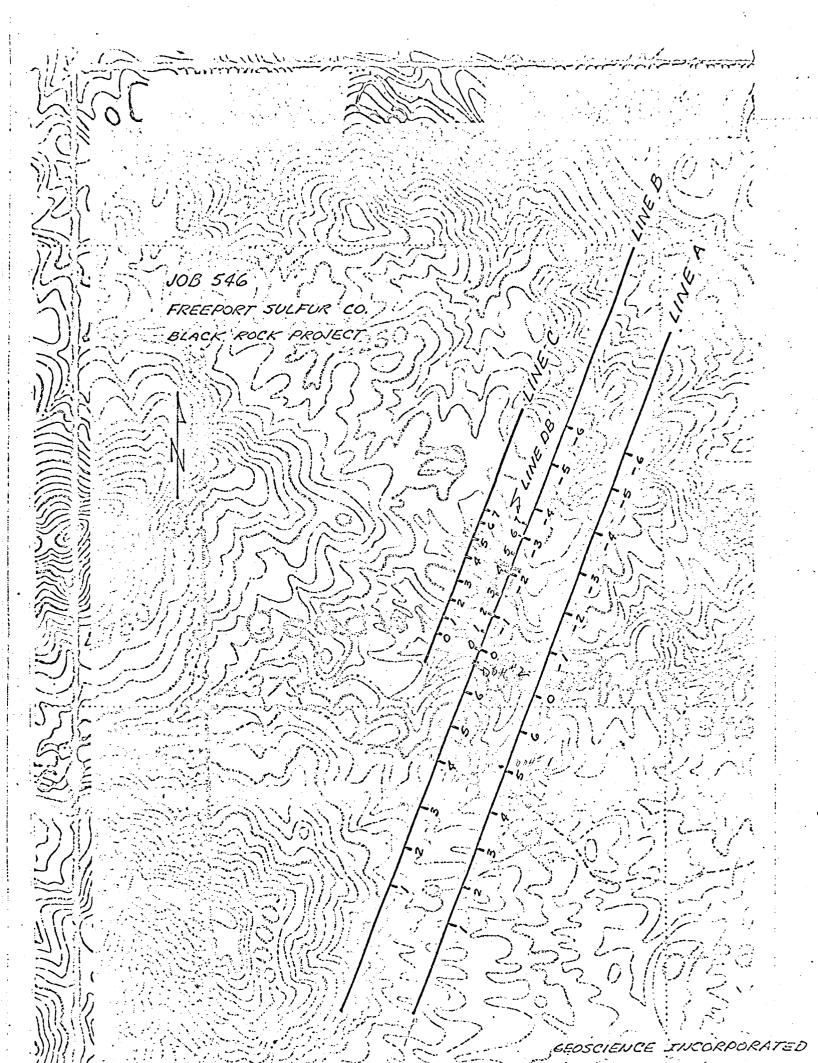
Respectfully submitted,

Antony Ivan Smith Regional Manager Western Division

AIS/dla









GEOSCIENCE INCORPORATED

A SUBSIDIARY OF AMPEX CORPORATION

199 BENT STREET, CAMBRIDGE, MASSACHUSETTS 02141

26 February, 1968

WESTERN GEOPHYSICAL EXPLORATION DIVISION
P. O. BOX 1470
TUCSON, ARIZONA PS719
TELEPHONEI 802-805-001/1/2
FKW

COMIS 4 700

COMIS 4 700

AL

VIII AL

Mr. Frank Nelson Freeport Sulphur Company 161 East 42nd Street New York, New York 10017

Dear Mr. Nelson:

Enclosed you will find the additional field sheets for the two extra lines. I have added a few brief words on the two lines as well as a brief summary to the other report I gave you.

I am still waiting for the field sheets to come back from the blueprinters, so I will hope to have the final report out by the end of the week.

I hope the weather is not too cool.

Sincerely,

Antony Ivan Smith Regional Manager Western Divsion

AIS/dla

Enclosure

A SUPPLEMENTARY REPORT OF THE INDUCED POLARIZATION SURVEY AT BLACK ROCK, SAFFORD, ARIZONA

FREEPORT SULPHUR COMPANY

A

GEOSCIENCE

INCORPORATED

REPORT

Since the last preliminary report two additional lines have been completed. Namely lines D and E. Enclosed map shows field location of all lines.

LINE D.

This line utilized 500 foot dipole and a single 7 electrode setup.

The apparent resistivity profile display lower values than was found in other lines. This fact suggest some change between this line and line E. The overall appearance of the line shows relatively little contrast.

The PFE profile displays values in the order of +2%. A change is noted between dipoles 7 to 8 where the values increase to over 4%.

LINE E. REPORT

This line also utilized 500 foot dipole spacing and a single 7 electrode spread.

The apparent resistivity profile displays larger contrast in values than was found on line D.

It would appear that a lower resistivity zone between position 1 to 3 (4) is bourdered by higher resistivity zones.

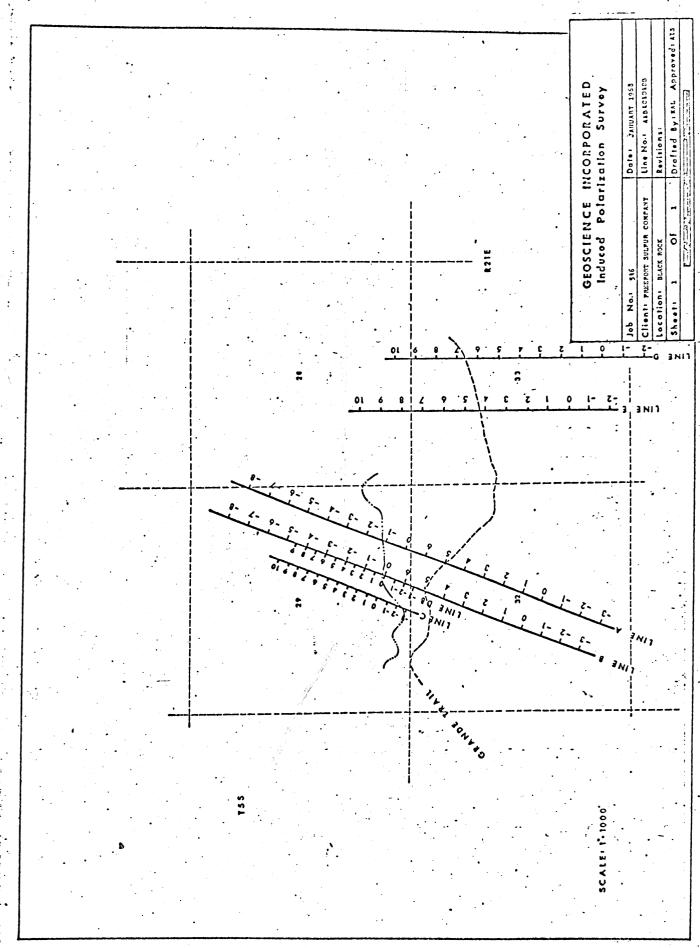
The PFE profile displays a range in values from 2% to 4%. The higher values are noted between stations 6 to 7. The overall change in value appears quite small.

SUMMARY

It would appear that the major difference between lines D & E is the marked change in the resistivity profiles. Lower values appear on line D and the overall contrast is much less intense. These facts suggest that a contact might exist close to line D. It's exact location would be difficult to define due to the orientation of the lines.

The most interesting feature in this survey to date is a very weak increase in PFE value which trends NWW to SEE through all the lines. The completion of an additional line between A and E would have clarified this point. Inclement weather though prevented the completion of this line.

Enclosed is a copy of the map with a rough outline of this zone. The final report will further define this zone in relationship to the whole area.



REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. TPHONE 602-294-5911

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOE#_____002133 _____ RECEIVED _____2-21-53 _____ REPORTED ____2-22-63 _____

Tucson, Ar					711/2		MOLYBDENU
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC		moc y so en or
A- 12						· · · · · · · · · · · · · · · · · · ·	10
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REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB# 002134

RECEIVED 2-21-68

REPORTED 2-22-58

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER %	ZINC %		моцувоеми ррт
B- 1							< 5
2				•			< 5
1						*	< 5
3 4							< 5
5	•						N.D.
6							120
					•		30
7 8						•	<5
9			•		•		10
	•	***			•		10
10 11						·	10
12		•			•	:	20
						•	10
13							< 5
14	•						< 5
15							< 5
16							10
17							15
18							10
19		3 · · · · · · · · · · · ·		•	en e		15
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		0110					
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			1 1 7	1 7	1 1		

· \$ 55.00

CHARGE .

* Gold and Silver reported in troy oz. per 2,000 lb. ton.

SOUTHWLOTERN ASSAYERS & CHEMISTO, Inc

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5911

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB# 002145

RECEIVED 2-23-68

REPORTED 2-26-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	Соррек рри	ZINC %		DIM . WOLABDENC
C- 1			·	•	•		10
				• • •			5
2							5
3							5
4							1
- 5							< 5
6			•				< 5
7							10
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•			$\mathbb{T} \setminus \mathbb{T} \setminus \mathbb{T}$	10/	1 11/11	1/68	

\$ 17.50

CHARGE .

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5311

Freeport Exploration Company

JOB# 002154

RECEIVED 2-25-66

REPORTED 2-25-66

				1	REPORTED.		1
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		моглабеипи Моглабеипи
c - 8						•	10
9					,	•	20
10			•			· # /	30
11	<u></u>						25
12							15
13	•						5
14.		•					5
15		•					< 5
16			•				< 5
17							< 5
18							15
19					•		10
20		* . ,				•	< 5
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21 22	•						< 5
22							
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	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
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			X/ 9		1970	·	

CHARGE \$ 37.50

* Gold and Silver reported in troy ez. per 2,000 lb. ton.

Rotary Drill Hole "c" - Hinton Ranch

Sample No.	Interval	Mo ppm
c - /	0 - 5 Feet	10
C - Z	5 - 10	5
c -3	10 - 15	.,
C - 4	15 - 20	ii
C - 5	20 - 25	< 5
C = 6	25-30	<u></u>
C - 7	30-35	10
C-8	35-40	(10)
c - 9	40 - 45	20
C 10	45-50	30
C -11	50 - 55	25
C-12	55-60	15/
C 13	60-65	5
C-14	65-70	5
C-15	70 - 75	<5
C-16	75-80	45
C-17	80 - 85	<5
C-1,8	85-90	15
C-19	90 - 95	
C-20	95 - 100	25
C-21	100 - 105	45
C-22	105-110	

This hole was bottomed at 110 feet, and Validated:

Chula # 11

12

34

35 36

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5911

Freeport Exploration Company

JOB# 002192

RECEIVED 3-5-68

REPORTED 3-8-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	. COPPER	ZINC %		molybdenum ppm。
				•		e e e e e e e e e e e e e e e e e e e	N.D.
D-1 2	-					•	5
3				$\frac{1}{2} \frac{C_{ij}}{dx} = \frac{1}{2} \frac{1}$		•	. 5
4					•		5
5					44 ***********************************		N.D.
6	•						N.D.
7							N.D.
8							N.D.
9							N.D.
10							N.D.
11							N.D.
12							N.D.
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		E 155					
		MEIGH!))		~ ~		
		Signal The		-1		A STATE OF THE STA	
	1	Anizona U. S.	1	11/			
			\//	1/-			
			1000		10		*

CHARGE ______\$ 32.00

* Gold and Silver reported in troy oz. per 2,000 lb. ton.

Rotary Drill Hole "D" - Hinton Ranch

Sample 1	10.	nterval	Mo ppm
D-1		0-5' pect	NI
D-2		10	5
D-3	and the second of the second		
D-9-		20	5
D-5	en e	25	N:1
D-6		30	
D - 7		35	Mil Nil
D-8		40	Not
D - 9	and the second of the second o	45	Nil
D - 10		50	N:1
D - 11		55	Nil.
D - 12	and the second s	60	Nil
D-13		. 65	N:)
D-14		70	Ni ⁻¹
D-15		75	Nil
D - 16		80	Nil
		•	

This hole bottomed at 81 feet - had to be abandoned at this depth due to caving.

This hole validates: Chula # 7

9

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company Route 2 Box # 731 West Tucson, Arizona 002241 RECEIVED 3-15-68 REPORTED 3-20-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM
E- 1							N., D.
2							N.D.
		-	₹ Section 199	•		*	1
3							N.D.
4							N.D.
5			,				N.D.
6					•		N.D.
7							N.D.
8			•		•		N.D.
9	in • ya. A						. N.D.
10		•				.*	N.D.
11					•		N.D.
12							N.D.
13	*				•		N.D.
14							N.D.
15							N.D.
1,6		•					N.D.
17			* * * * * * * * * * * * * * * * * * *				N.D.
18	• 1	•					N.D.
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28		inzona U.	3.			./	N. D.
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			•		600	\	•.

\$ 70.00

* Gold and Silver reported in troy oz. per 2,000 lb. ton.

SOUTH ... ISTERN ASSAYERS & CHEMIC.3,

REGISTERED ASSAYERS

FELIX K. DURAZO WIL WRIGHT ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Route 2 Box # 731 West Tucson, Arizona

RECEIVED _____3-15-68_ REPORTED 3-20-68

SAMPLE NUMBER	GOLD Oz.*	SILVER Oz.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM
F-1							N. D.
2							N.D.
3				•			N.D.
4							N.D.
5							N. D.
6			4				N.D.
7		•	•				N.D.
8					•	•	< 5
9			•				< 5
10					•		< 5
11							N.D.
12			•		•		< 5
13					•		< 5
14					•		< 5
15		•				•	< 5
16		•					< 5
17		*					N.D.
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					Ok V	ar	1

REGISTERED ASSAYERS

FELIX K, DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE CO2-294-5811

Freeport Exploration Company Route 2 Box # 731 West Tucson, Arizona

JOB#_____002243 RECEIVED _____3-15-58______ REPORTED _____3-20-68______

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM %
G- 1			•				N.D.
2				•	<i>:</i>		N.D.
3							N.D.
4			to the second se			•	N.D.
5 6							N.D.
6							N.D.
7					ı.		N.D.
8			*** **********************************				N.D.
9		•					N.D.
10		•	•				N.D.
11						•	N.D.
12							N.D.
13.					•		N.D.
14							N.D.
15			•				N.D.
16	•			•	-		N. D.
17							< 5
18							< 5
19	•				•		15
20	•						10
21	_						< 5
22							10
23 '							15
23 ' 24						• •	< 5
25							N.D
26			<i>:</i>				N. D.
27							N.D.
28							N.D.
29							< 5
30					0 1 7/	·ブ・	< 5
31				1 A. 11	Dlyth		< 5

CHARGE

Gold and Silver reported in troy oz. per 2,000 lb. ton.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company

JOB#	002243	Continued

					REPORTED.		
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUI
G-32				•			10
33		•	• • • • • • • • • • • • • • • • • • • •				N.D.
34			•				< 5
35							< 5
36							5
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38						• ,	15
39		•					20
40				No. 11 Historia			20
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,	5076						
\	M. D. EIGHT						
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	The same of the sa	N	•				
					A. 1		
						Solor Il	1-5
						Selow Il	
					1 OK	1. 100) ¹

\$ 100.00

CHARGE

MAR 27 1668

FRW

CHAPT ON

MED AL

FIFT TO A

FIFT TO

Rotary holes - E, F, G:

All samples on 5-foot intervals, GLC 5

at . 0-5 feet.

These holes for location validation only.

"E" Validates: Chula # 21, 22, 23, 24, 25, 26.

"F' Validates: chula + 18, 19, 20, 27, 28, 29

"G" Validates: Chula #14, 15, 16, 17, 30, 31, 32, 33, 34

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. DE F PHONE 602-294-5811

APR 4 1968

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB# 002263 RECEIVED 3-23-66 REPORTED 3-29-68

`.	SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM %
	H- 1					•		N.D.
	2	•			•			N.D.
	3							N.D.
	4					,		N.D.
	5		•				•	N.D.
	6	•						N.D.
	7							N.D.
	. 8	al trajo •j						N.D.
	9				•			N.D.
	10							N.D.
.	11							N.D.
	12	*	• 4					N.D.
	13							N.D.
	14		•					N.D.
	15			•				N.D.
	16							N.D.
	17							N.D.
	18							N.D.
	19			•				N.D.
•	20							N.D.
	21	-						N.D.
	22					•		N.D.
•	23 '	• 1.5						N.D.
	.24					•		N.D.
	25					•		N.D.
	26							N.D.
	27							N.D.
	28							N.D.
	29				•			N.D.
	30							N.D.
	31.	e v						NDD.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Comapny

JOB#	002268 Continued
- RECEIVED	
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						REPORTEU.		
Γ	SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER %	ZINC %		MOLYBDENUM
	н- 32							N.D.
	33							N.D.
l	34					,	•	N.D.
ı	35							N.D.
l	36							N.D.
	37							N.D.
	38	1.5						N.D.
	39							N.D.
	40							N.D.
-								
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			•					
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			UM)	WRIGHTO.		•••		
			111111	7 3 P	<i>))</i>			•
			1 W	Signed I. S. N.				
				Zona U. S.				
				Juny 1	K			
			Ch.	ار منازسها ا	40	No.		
			1,711	115	1	1	1 .	1

\$ 100.00

* Gold and Silver reported in troy oz. per 2,000 lb. ton.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5311

APR

Freeport Exploration Company 4249 Northf Soldiers Trail Tucson, Arizona

	i, Arizona	en ven	LEAD	COPPER	ZINC		MOLYBDENUM
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	%	COPPER %	ZINC %		7,
I- 1						,	N.D.
2							N.D.
· • • • • • 3					• • • • • • • • • • • • • • • • • • • •	•	N.D.
4							N.D.
5							N.D.
6							N.D.
7							. N.D.
8							N.D.
9			•			•	N. D.
10							N.D.
11	1 A. 1						N.D.
• 1		•					N.D.
12							N.D.
13							N.D.
14			, 13.5				
15						•	N.D.
16							5
17							5
18							10
19					•		5
20							5
21	-						N.D.
22					•		N. D.
23		1.5		•	•		N.D.
24 .				•			N.D.
25					• • • • •		N.D.
26			•				N.D.
27			•				N.D.
28							N.D.
29							N.D.
							N.D.
30 31							N.D.

SOUTHV. STERN ASSAYERS & CHEMIC 3, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 8878

P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company

JOB# 002269 Continued RECEIVED REPORTED

					REPORTED		
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC		MOLYBDENUM %
I-32							N.D.
:33	••						N.D.
34							N.D.
	·		*		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		N.D.
35 36						* * *	N.D.
**		•					N.D.
37							l
38							N.D.
39							N.D.
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	•	13411	" I'd				
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REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 8875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. DE PHONE 602-294-5811

APR

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENU!
J- 1						•	N.D.
2					=	 ;-	N.D
3					•		N.D.
4							N.D.
5	•						N.D.
6							N. D.
7							N.D.
8							N.D.
9			•				N.D.
10						•	N.D.
11							N.D.
12		•					N.D.
13							N.D.
14							N.D.
15							N.D.
16							N.D.
17	***						N.D.
18							N.D.
19				•			N.D.
20							N.D.
21	_						N.D.
22						•	N.D.
23							N.D.
24							N.D.
25					•		N.D.
26	• 1						N.D.
27							85
23							5
29							<5
30							5
31							330

CHARGE

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 8878

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company

\$ 100.00

JOB# 002270 Continued
RECEIVED 3-23-68
REPORTED

SAMPLE	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC		MOLYBDENUM %
NUMBER	OZ.	OZ."	76	7.	%	<u> </u>	<
J- 32							110
33				•			115
. 34			. 	•			30
35		1. ·			•		5
36				t. ·			30
37							5
38			•				5
39							35
40					•		<5
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SOUTHN._STERN ASSAYERS & CHEMIC.3,

REGISTERED ASSAYERS

FELIX K. DURAZO WIL WRIGHT ARIZONA REG. NO. 5875 P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD PHONE 602-294-5811

APR

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

002271 RECEIVED _____3-23-68 REPORTED______3-29-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC		MOLYBDENUN %
K- 1							N.D.
2			•		1.1		N.D.
3							N.D.
4				•			N.D.
5						•	N.D.
6		•					N.D.
7							N.D.
8							N.D.
9			•				N.D.
10							N.D.
11							N.D.
12		•		•			N.D.
13							N.D.
14					•		N.D.
15							N.D.
16			•				N.D.
17							N.D.
18		•					N.D.
19							N.D.
20							N.D.
21							N.D.
22			1				N.D.
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HARGE	\$ 55,00	/ Mirel	1,4/	•			

SOUTHY STERN ASSAYERS & CHEMICT, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 8875

P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-204-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB# 002314 RECEIVED 4-1-63 REPORTED 4-3-63

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM
L- 1							N.D.
2		•				•	N.D.
3				•		·	N.D.
4					•		N.D.
5							N.D.
6			•				N.D.
7						· .	N.D.
8						•	N.D.
9							N.D.
10						•	N.D.
11						•	N.D.
12		•					N.D.
13	•						N.D.
14							N.D.
15		•					N.D.
16							N.D.
17							N.D.
18			•	•		•	N.D.
19		. •				•	N.D.
20		1					N.D.
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REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 8875

P. O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

\$ 65.00

CHARGE .

JOB# 002315

RECEIVED 4-1-68

REPORTED 4-3-68

SAME	PLE BER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENU
M 1			•					N.D.
2		•						N.D.
3						• •		N.D.
4	•					•		N.D.
5				· ·				N.D.
6					1			N.D.
7			•				**	N.D.
8		·				•	•	N.D.
9								N.D.
10		•						N.D.
11							•	N.D.
12	•					•	•	N.D.
13				1			•	N.D.
14						•	•	N.D.
15				y y			•	N.D.
1ó			:					N.D.
17.		•	•	4		·		N.D.
18				•	•			N.D.
19		•						N.D.
20				/ *				N.D.
21			/	•		•		N.D.
22								N.D.
23			GISTERE			•		N.D.
24					•-			N.D.
25		WW.	VATILEUR P.					N.D.
26		Illi	E THE	/ //		•		N.D.
		v //	Arizona U. S. F.	/	, , ,	•		
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				K. Am	4 57	•	•	
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			17-11	المرالي		•		

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 Northf Soldiers Trail Route 2 Box # 731 West, Tucson, Arizona JOB#______002316

RECEIVED ______4-2-68______

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM
N- 1							N.D.
2		rain Salah	#11.00m				N.D.
3					*		N.D.
4							N.D.
5 .							< 5
, 6	•						< 5
7		•			•	•	5
8					• • • • • • • • • • • • • • • • • • •		< 5
. A 9 · .		e State State	•				< 5
10							< 5
11							N.D.
12		.•	•				N.D.
13						• 4	N.D.
14					•		N.D.
15		* * * * * * * * * * * * * * * * * * *		•	•	•	N.D.
15		•					N.D.
17	·	1					N.D.
18							5
19							N.D.
20			, .			_	N.D.
21		Λ.					N.D.
22					•	-	N.D.
23							N.D.
24	for	M					Ñ.D.
25		j'			•		N.D.
26		$ \mathcal{U}_{\mathcal{A}} $				•	20
27	1/1//	1/1/	i f			,	35
28	\V.	The state of the s	for the	V.	•	,	5
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30			How in				25
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APR 9 1968

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 8075

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

\$ 20.00

JOB#______002317 RECEIVED _____4-2-68______ REPORTED _____4-4-58_____

•	SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER %	ZINC %		MOLYBDENUM %
	0- 1					•		N.D.
	2							N.D.
	3							N.D.
	4					*		N.D.
	5		n'					1
	6				en de la companya de La companya de la companya de)		N.D.
	7	• •						N.D.
	8							N.D.
			• 1				•	N.D.
		•						-
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		r		,*				•

* Gold and Silver reported in troy oz. per 2,000 lb. ton.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 8875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENU
H 1-1-1	·						N.D.
2					•		N.D.
							; N.D.
3							N.D.
4	•				•		N.D.
5							N.D.
6						•	1
7							N.D.
8			•		•		N.D.
9							N.D.
10							N.D.
11							N.D.
12					•		N.D.
13							N.D.
14	-					•	N.D.
15			•				< 5
,1 6	•						< 5
17							< 5
18		•			•		< 5
19							N.D.
20							N.D.
20		- 1 A					1.5.
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		64 / 100	1 January		•		

SOUTHV. STERN ASSAYERS & CHEMIC. J, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB#______002327

RECEIVED ______4-2-68

REPORTED ______4-68

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER %	ZINC		MOLYBDENUN
DH: 1-2- 1							N.D.
2		•			•		N.D.
3						•	N.D.
4							N.D.
5	•			•	+		N.D.
6							N.D.
7							N.D.
8				5 3			N.D.
. 9			•		•		N.D.
10			•			# *	N.D.
11							N.D.
. 12		-		•			30
13				•		·.	10
14							5
15			•				< 5
16			e de la companya de l	•	,		45
17				•	•		< 5
18					•		· < 5
19						· · · · · · · · · · · · · · · · · · ·	< 5
20							< 5
		•	/				-
		_ /					* *
		DED !		•			•
	NE GI	STERED ACCOUNTS		•			
	1 1/3	5575	$\backslash\!\!\!\backslash$		•		
		WILBUR D.		,	•		
		الإلام		1200	1.5		
	10/5	Zena U. S. M.		1 119º	u.	•	
		0. 3.	الماس الم	3/			
		1 01	1. JV	2.4			
		17/1/101	10 11 1				•
HARGE	\$ 50.00	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	11/100	•			

SOUTHWESTERN ASSAYERS & CHEMISTS, Inc.

REGISTERED ASSAYERS

ELIX K. DURAZO VIL WRIGHT ARIZONA REG. NO. 5875 P.O. DOX 25/7 TUÇŞÇN, ARIZENA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB# 002328

RECEIVED 4-1-68

REPORTED 4-5-58

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM
1-3- 1	·						N.D.G.
2							N.D.
3							N.D.
4							N.D.
5							N.D.
6							N.D.
7	1 .* 1						N.D.
8			•				N.D.
9		•					N.D.
10							N.D.
11	•					•	N.D.
12	. •					•	N.D.
13							N.D.
14			•				N.D.
15				•			N.D.
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SOUTHWESTERN ASSAYERS & CHEMISTS, Inc. 640 17

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5311

Freeport Exploration
4249 North Soldiers Trail

002053_

RECEIVED ..

2-6-68

2-7-68

SAMPLE -	GOLD OZ.*	SILVER OZ.*	LEAD /	COPPER %	ZINC %		MOLYEDENU %
_DDH_1			. /	•.			
			1	•			0.275 %
# 1							40 ppm
2							
3					,	•	. 20 ppm
4							5 ppm
5							10 ppm
6			•				< 5 pp
7		1				•	< 5 pr
8		•				•	< 5 pr
9							N.D.
10							< 5 pr
11							5 ppn
12	•						N.D.
13							N.D.
14			•				N.D.
15		•				•	N.D.
				** **			
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		is rep	orted it is	below thi	s level. <	5 ppm ind	icated
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SOUTHWESTERN ASSAYERS & CHEMISTS,

REGISTERED ASSAYERS

FELIX K. DURAZO WIL WRIGHT ARIZONA REG. NO. 5875

. P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5911

Freeport Exploration Mr. Frank Nelson

870200 RECEIVED __2-8-58 **2-11-**68

SAMPLE NUMBER	Arizona GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM PPM
H-DDH-1				•			•
<i>#</i> 16					,		10
17					•		5
18							<5 .
19							<5
20					•		5
21						*	<5
22			•				< 5
23							10
24.							N.D.
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							N.D.
2							N. D.
3							N.D.
<i>A</i> 5							N.D.
				•			N.D.
6			•				<5
7						•	<5
§ 9							<5
	•	• * * * * * * * * * * * * * * * * * * *		i.			<5
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			/\	Signed			
•		•	l e e	Arizona U. S	. N.		
	•						

SOUTHV. STERN ASSAYERS & CHEMIS J, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5911

Freeport Exploration Company 4249 North Soldfies Trail Tucson, Arizona

JOB#______002132_____ RECEIVED _____2-21-58_____ REPORTED _____2-22-68_____

Tucson,	Arizona			. REPORTED	2-22-6)5	
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC		MOLYBOENUM TOPM
DH-DDH 2:			•				
# 1				•			40
2							30
3	• •			•			< 5.1
4			•			• • • • • • • •	1
							< 5
5	• *					** *********	10
6	•						< 5
7	•		e fastis Juliania	•		***	10
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9							<i>-</i> 60
10							15
11	•					1	10
12						• • • • •	
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SOUTHV. STERM ASSAYERS & CHEMIS. J., Inc

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5675

P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE **C**02-294-5811

Freeport Exploration Company 4149 North Soldiers Trail Tucson, Arizona

JOB#_____0021.46______ RECEIVED _____2-23-68_____ REPORTED 2-26-68

•		· ·			REPORTED.	2-26-	-63
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER PEM	ZINC		могувремим ррж
DH-DDH-2							
# 13				72		•	50
14				44		•	10
15	•			48			20
16		•		52		4	25
17	•			44			30
18				56			40
19				48		•	10
20				52			70
21	•			53			10
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		2002 U. S. Niger					•
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SOUTHV. STERN ASSAYERS & CHEMIS., Inc.

REGISTERED ASSAYERS

FELIX K, DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB#_____002153______ RECEIVED _____2-25-63______ REPORTED ____2-28-63_____

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER ppm	ZINC %		MOLYBOENU PPM
DH-DDH-2:							
# 22	· ·			32			10
23				28			5
24				40			20
25				96			50
26				60			120
27	·			64			150
28		•		80	•		140
29			•	64			110
30			•	72		:	160
31				56			90
32				68	•		140
33				56		•	70
34				40			10
35	•	•		40	d)		15
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CHARGE

SOUTHWESTERN ASSAYERS & CHEMIS. ... Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL. WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5811

Mister Frank Nelson Freeport Exploration Company Route 2 Box # 731 West Tucson, Arizona JOB#______002191_______ RECEIVED ______3-5-63______ REPORTED _____3-8-68______

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER Ppm	ZINC		MOLYBDENU pjm
H-DDH-2							
# 35	`			120			N.D.
37				68			N.D.
38				72 ·			20 .
3 9 .		•		60			25
40	•			72			10
41				68			30
42				56			5
43	•		•	60			N.D.
44				56			N.D.
45				52			N.D.
46				84	•		N.D.
47	•	• • • • • • • • • • • • • • • • • • • •		67		•	N.D.
48				60	•		N.D.
49	•		•	56			N.D.
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SOUTHWESTERN ASSAYERS & CHEMISTS, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company Route 2 Dat # 731 West Tucson, Arizona 002201

RECEIVED 3-7-63

REPORTED 3-11-63

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER DÖM	ZINC		MOLYBDENU DŽA
NUMBER	02.	02.	. 70	<u>nou</u>	, <u>"•</u>		<u> </u>
DH-DDH-2:							
# 50				56			10
				•			15
51				44		•	i
52				60			10
53				52			10

•							
		1 1 1 1 <u>.</u>					*
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Hinton Prospect - DDH #2

Sample No.	<u> </u>	terval	Mo ppm	Cu ppm
	From	To		
D11-DDH-2"1	0.0	10.0	40	
	10,0	15.8	30	•
3	15.8	20.8	45	
4	20.8	28.7	45	
5	20.7	36.0	10	en de la companya de La companya de la co
6	36.0	45.3	45	in the second
7	66_0	75.0	10	and the state of t
8	93.0	99.8	15	
9	99,8	109.9	60	
	109,9	119.9	15	
Limited A. U. S.	119.9	130.1		
12.	130.1	137.8	10	
13	153.0	164.0	50	72
14	164.0	173.0		41-
15	173.0	179.2	20	48
16	179.2	104.9	25	52
17	195.8	205.7	30	44
18	205-7	215.5	56	40
19	232.0	202.0	48	10
20	242.0	252.0	52	70
21	272.1	280.0	53	10
22	297.5	306.0	10	32
23	324.1	334.4	5	28
24-	354.0	363.0	20	40
25	378.0	381.0	. 50	96
26	381-0	387.5	120	60
27	387 .5	392.8	150	64
28	392.8	395,0	140	. 80
29	398,0	405.0	110	64
30	406.0	416.0	160	72
3/	416 -0	426.0	90	56
32	426.0	4.36,0	140	68
33	436.0	448.0	70	56
34 .	A48.0	1.56,0	10	40
35	465.0	475.0	15	40

Fample Ho.	177	terval	Mo ppni	cu ppm		
٠ - مبل	Fhrin	To				
36	484.0	494-2	· Nil	120		
37	504.0	514,0	Hil	68		
38	524.7	534,5	20	72		
39	534.5	538.1	25	60:		
40	538.1	546,0	10	72		
41	556.0	566.0	30	68		
42	576.0	586.0	· · · · · · · · · · · · · · · · · · ·	56		
43	606.0	616.0	Nil	60		
44	634.7	644.7	Nil	56		
45	662.0	670.4	Nil	52		
46	689.0	699,0	N.I	84		
47	710.0	719.0	Nil	87		
40	735.1	795.0	N:1	60		
49	764.5	775.0	Nil	56		
50	795,0	804.0				
51	816,0	826.0				
52	836,0	846.0	e de la companya del companya de la companya de la companya del companya de la companya del companya de la companya de la companya de la companya de la companya del companya de la companya dela companya de la companya de la companya dela com			
53	856.0	863.0				

Bottom of hole-863 peet

SOUTHVESTERN ASSAYERS & CHEMISIS, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P. O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Route 2 Box # 731 West Tucson, Arizona

JOB# 002240

RECEIVED 3-14-68

REPORTED 3-20-68

	on, Arizona		r	REPORTED			
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	COPPER %	ZINC %		MOLYBDENUM %
DH-DDH-3:					**		
<i>#</i> 1				36		- 1971 1971	< 5
2	• •			92			10
3				152	·		< 5
4				132	,		5
5			•	140 (•		20
6				188		•	260)
7			•	192	•		340
8			.	172		·	< 5
9				48			' N.D.
10				44			55
11				32			70
12				24	•		₹ 5
13				24		•	< 5
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CHARGE \$ 45.50

The liter INV

SOUTH. ESTERN ASSAYERS & CHEM. S, Inc

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 6875

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Route 2 Box # 731 West

Tucson, A			•		REPORTED		
SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD %	COPPER %	ZINC %		MOLYBDENUM %
DH-DDH-3:	,						
# 14				40			50
. 15		•		32			30
16				24		•	85
17				40			100
18			•	24			20
19				32		- 10 - 10 - 10	10
20				33		•	5
21				41			165
22				34	•	•	35
23				16			80
24				24			5
25		• • • • • • • • • • • • • • • • • • • •		24			5
26				33			10
27				32		•	20
28			•	23			100
29				40	•		50
30	•			32			15
31	•		•	16			30
32		10 10 10 10 10 10 10 10 10 10 10 10 10 1		32		,	30
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SOUTHVISTERN ASSAYERS & CHEMIST, Inc.

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5875

P.O. BOX 7517 TUCSON, ARIZONA 85713

710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 North Soldiers Trail Tucson, Arizona

JOB#____002306

RECEIVED _____3=29=68______

BEPORTED 4-2-68______

SAMPLE NUMBER	GOLD OZ.*	SILVER OZ.*	LEAD	СОРРЕЯ ррм	ZINC	•	могляреипи фід
DD DDH-3:							
# 34		• • • • • • • • • • • • • • • • • • •		84			10
35		•		48			< 5
36				52			< 5
37				40			30
38				24		•	5
39				16			< 5
SW-40				80	•	ar en	85
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\$ 24.50

SOUTHWESTERN ASSAYERS & CHEMISTS, Inc.

APR 2 4 1968

REGISTERED ASSAYERS

FELIX K. DURAZO
WIL WRIGHT
ARIZONA REG. NO. 5675

P.O. BOX 7517 TUCSON, ARIZONA 85713 710 E. EVANS BLVD. PHONE 602-294-5811

Freeport Exploration Company 4249 Northf Soldiers Trail Tucson. Arizona

O02375

RECEIVED 4-12-68

REPORTED 4-15-68

Tucson, A	rizona				REPORTED.	4-15	
SAMPLE	GOLD OZ.	SILVER OZ.*	LEAD	COPPER ppm	ZINC %		MOLYBDENUM DÖM
			-		•		ener de marine.
DH:DDH#3:							
# 40				480		•	< 5
41	•			44			5
42	•			36			N. D.
43				28			N.D.
44				XX& 48			30
45				47		•	< 5
46				40			< 5
47				20		· •	N.D.
4 1							
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		FK	(2 / 1306) w
	Hinton Prospect - DDH - #3.	Ci	3 - 2
Sample D.:- DDH-3	# Interval From to	Mo pp and	Carppin Ky
	20 — 25	< 5-6	105 36
2	50 - 55	10	92
3	55 - 60	< 5	152
4	60 - 65	5	132
	65-70	20	140
6	70 - 75	260	188
7	75 - 80	340	192
₹	80 - 85	45	172
9	125-130	13:1	48
10	165-170	55	44
	170-175	.70	32
12	175-180	< 5	24
13	210-215	25	24

Hinton Prospect - DDH-3

Sample No.		nterval	Mo ppm	Cu ppm
VH- DDH-3	From	<u>to</u>		•
; #		•• • • • • • • • • • • • • • • • • • •		
14	255	260	50	40
1.5	280	285	30	32
16	285	290	85	24
17	290	295	100	40
18	295	300	20	24
19	300	.305	10	32
20	305	310	5	33
21	310	315	165	4-1
22	315	320	35	34-
23	320	325	80	16
24	325	330	5	24
25	330	335	5	24
26	335	340	10	33
27	340	345	20	32
28	345	350	100	23
29	350	355	50	40
30	355	360	15	32
3 (360	365	30	16
32	365	370	30	32
33	370	375	10	40

Hinton Prospect - DDH-3

Sample No +-DDH-3	Interval From To	Mo ppm	Cu ppm
# 34	385 - 390	16	84
35	390 - 395	45	48
36	435 - 440	<5	52
37	475 - 480	30	40
38	490 - 495	5	24
39	510 - 515	25	16

Note:

Sample # SW-40:

MO PPIN

Cu ppm

This is a surface chip-sample taken in the extreme south-west corner of claim Chula #40. The rock is a highly sheared, iron-oxide stained granite, with rave, minute specks of visible MoS2. The extent of this altered and stained rock is hard to determine, as it only efferops in the floor of a gully when eversion has reached it.

Hinton Ranch Prospect

Sample #	Interval From To	Mo ppm	Ca ppm
++40	555 - 560	<	480
41	625 - 630	5	44
42	655 - 660	N.I	36
43	700 - 705	N.I	28
44	725 - 730	30	48
45	755 - 760	<5	47
46	830 - 835	25	40
47	890 - 900	NI	20
	(End of Hole- 300	reet.)	

	•) Mo	. C					RATION	DIRECTIC INCLINA STARTE	HOLE NO. 1977 FION VOLUME I PROPERTY 1/1/2007 (1977) D. 100 100 100 100 LOCATION NEW 300 300 TED Fab. 7 1978 COLLAR COORD. N. E. COLLAR ELEV. #4225
	0-10.	Sz OLAMOI	ם מע	RILL		COF	RD	DEPTH_ NOTES	4/9 feet COLLAR ELEV. #422.5 BY F. J. Ne Isom SHEET 1 OF 5
K CORE	0 70 1	ASS No	AYS		SECTION	COLUMN	DETAIL O	NOTES	GENERALIZED NOTES
		5.275			1:0	然念	very abund.	MoS2.	"Granite Porphyry" - White to Fink felds. Phens. set in v. fine andms. rare bid very abund disseminated MoS2 FeS2. Felds. Fresh Glassy.
		40			8.0	137	Granite we	cthered	
		20			12.8		Rate SP MoSz	eck Fess2	
					21.7_	() a :)		· •	
		5			26 <u>5</u>	ノンすいい		. •	
						7777			Biotite Granite - mainly equipman; grades loc. to perphyritic; mostly fresh, some minor silicify rare to no FeS2 below 15!; few narrow affite dikes.
			,		16.8	ヘンバーム		•	
		10			50.0			_	
						DOY 171	- 		
					68.8	11777		·	
:		<5			72.7	117			
						変がいい	Apiite dike, mi —	nov FcS2	
						1/1-1	•		

	•	С	ON	IPA rill	XPL ANY - reg	,	RATION	INCLINA' STARTE COMPLE DEPTH	HOLE NO. 12111 TION PROPERTY (1127 1 20) D LOCATION ETED COLLAR COORD. N. E. COLLAR ELEV. BY SHEET & OF 5
3800% 0 224		ASS Mo	AYS		SECTION	COLUMN		IOTES	GENERALIZED NOTES
		<5			12.2 34.6	116			
		<5			99.2	- 1		•	Equicran. Biotite Granite (as above)
		Hil				1,11			
		25				1	-strone sheari at contact	inc.	112.0
		-			116.0	200		·	
No. of					- - - - -	000		•	
	-				-	.h			
					134.8	000			Porphyritic Biotite Granite - numerous lance zoned K-SPar Phens, Pink to white, in matrix of fine to med. Gr. Felds + gtz.; v. wk to rare
	,	5			- - -	NAME OF THE PARTY	V. St. Shearnic many slicks an scrpentine seam	nd chilovite se clots and	Fes 2, wk Fesot;
					144.8	長らい	schleren of mar	ics; abund.	
					 - -	ם י		-	
						1/0	shears less a than above Fel alt'd-hard wh	lds highly	
			•		166.0	1	chalky - clotted Lsecondary bioti Some chlor + 5	mafics te?)	
		И(1			} - -	いいくはし		-	
1 m					172.4	1000			

ER	EEPORT CON	EXP (PAN)		RATION	STARTEI COMPLE	DN HOLE NO. [2] / f / 2 TION PROPERTY
	DIAMOND (. 1	DEPTH_ NOTES	BYSHEET_3_OF_5
%CORE		11	COLUVA	DETAIL	NOTES	GENERALIZED NOTES
%	1771		07/3/	as above		
			G(14)			
\$ ¹			15,67			
		194,	# 30 9			
	N.1	193.	5 1/			
			ンスとれて	Intense she	arms; very	
				intense she fine close s indiv. min. and serp. V. marics in	abund .;	
			4000	Some Flooding K-Spar ray	G by PINK	Porphyritic Biotite Granite Cas above)
	N. (218.	2			
	1711	222	DA			
			KANA S			
	N.1	231.	Σ ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;			
		236	0 0			
			3	-239.5\-\frac{NX}{BX}		
			0,0			
		-	,		-	
		257.	2			
	10		日山		_	
		: 266.	- Ca			
		1	1	V. intense sh	eorina-	

EF	RĘĖI	POF	77	EX	XPL	Ol	RATION	INCLINAT	TION HOLE NO. DD11-1-
	,	С	0 M	PA	NY			STARTEI COMPLE	DLOCATIONEEE
	ום	AMON	ND DI	RILL	. REC	COR	RD	DEPTH_	COLLAR ELEV
c====	-	SCA						NUTES	BT SHEET OI
3000 %		ASS Mo	AYS	; 	SECTION	COLUMN	DETAIL	NOTES	GENERALIZED NOTES
					J/	三	very intense	shearing	
						100/	Fresh to wea	akly clay-	
						12/0		-	
						0,			
					1	, ,			
		5		<u> </u>	293.0	2			
		,				g.			
					<u>-</u>	- Q D : 1		•	Porfhyritic Biotite Granite (as above)
					304.7	1	Folds. Gen.	Cach · la	
		< 5				:/	Chalky Biot Rare to train	loc. chlor.	
					312.1	п		•	
			1			.;			
						10			
1						00.			
						2			
					332.2	110			
		45				11:00			
		 			340.0	.1		<u>.</u>	
						J .			
						1000			
					ŀ	7			
					<u> </u>	多一	locally stric	ly sheared	
	<u> </u>	ļ			358.4	1	/		

FREEPORT	EXPLORATION
CON	

DIRECTION __

STARTED Jan 24 1968 LOCATION Graham Co. Harana COMPLETED Feb. 7, 1068 COLLAR COORD. N. E. DEPTH 418 Fee! COLLAR ELEV. #4225

NOTES BY F. J. Nelson SHEET 5 OF 5

DIAMOND DRILL RECORD

		SCA	LE_					
% CODE REC'D	<i></i>	ASS Mo	AYS		SECTION	COLUMN	DETAIL NOTES	GENERALIZED NOTES
		5			367.0	5	Hrlite dike	
		4 5			377.0	三分のの	Occas rave speck Mosz, Py	
		15		,	332.0	本に送り	Aplite dike -	Porphyritic Biotite Granite (as above)
		10				200 MAN	locally Strongly Sheared. Chlorite and	
					392.0	SYNO VY	serptine abundant in sheared zones. FeldsPars mainly hard. White or chalky.	
	/		.			日こんはかかり	rare FeS2 No MoS2 Visible	
		н:I			412.0 419.0	0.次品级10.5		
-								End of hole - 419 Feet Feb. 7, 1968 F.J. Nelson

	\mathcal{H}	1652 652	RT COM				RATI N	STARTE!	TION Vertical ROPERTY Librar Protect Than D. Feb. 7, 1948 LOCATION N. 1948 Collar COORD. N. E.
		DIAMC SC	ND D	RILI <u>L</u> "	_ RE(= 10	COI	₹D ·		863 FCCT COLLAR ELEV. ± 9175" BY F. J. Nelson SHEET / OF 10
,	REC'D	Mo	SAYS ou prif	T	SECTION	COLUNA	DETAIL N	NOTES	GENERALIZED NOTES
		40			10.0	50.000	Strong FEO S / V. nunor M Chematite, Go	o oxides) ethite)	"Porphyry" - Pink to white orth Phens Sci in mains, of Sugary, fine-Grained, Otz and felds. Ilbund "clots" of greenish epidate and poss. Tournaline, Dissem Fess, generally abundant. Rare, minute specks 11052, Biotite Essentially absent. Patchy silicification - generally the feldspars are hard, white (albitized?)
		30			15.8	1.6	/		
		45			20.8	がながら	-5° rplite d -abrupt cont 70° +0 core a		19.0'
		< <i>5</i>			2.8.7	となるない			
;		10			36.0	ングライン	· • ,		
		<5			45.3	12-1-1-1-1		,	"Biotite Granite"- medium granned, equicranular, abundant fresh black biotite books, interiseked quarti and orthoclase. Moderate to locally weak Fe203. Rare to trace Fesz, except in a few scattered patches
			•			いとうだいなかが	-mod. abund.	FeS2.	
						スペンないたと		-	
		10			75.0	元沙人	Abundant sti Fractures with coated, Slicken. faces	h specularite	
						イでいっている	_/		58.0'

FF	ŖΕ	POP	RT	E	XPL	_0	RATIN	DIRECTION	ONOLE NO. <u>DDH-2</u> TIONROPERTY_ <u>Hirton</u>
•	ı,	С	ON	1PA	1NY	/		STARTE	DLOCATION TEDCOLLAR COORD. NE
,							•	COMPLE	TED COLLAR COORD. N E
	DI				RE	COF	RD	NOTES	BYSHEET_2_OF_10
<u>u</u> o	I		LE_		TZ	13			
% TO PECTO		Mo	CU PPH	T	SECTION	COLUMN	DETAIL N	NOTES	GENERALIZED NOTES
					23.0	1	Some Smeared Few thin shea	chlorite,	Very Fine-Grained, Sheary, White; highly altered by clay and scricite; some armular quartz. Trace FeSZ
			-		1.75.0	がない	Very Fine a	rained,	- 93
		15				1.1	"APIITIE"		
					29.8	1.		•	
						X			
		60			ŀ	11	For small as		
						1	Trace Cufes	52	
				l	103.8	して			
					-	1	-weak MoS2	· · · · · · · · · .	
		15			F	Sei S		•	
						ا برا ا مرو	•		
					113.3	4		•	"Biotite Granite" - Variably textured. Generally medium Granied conicranular Gradine into zones
						1			"aplitic" textures
		10			ŀ	然力			MoSz Generally rate - locally mad -cy
					130.1	7	•		occurs in zones where the presh black historic
			1		130.1	1/4		•	15 absent or considerably less abundant. Magnetite is very common and printe errutiz-from
	ŕ	10			F	10			Alteration is weak. Alteration is weak-mostly bleaching of bistite
					137.8				and some clay alt. of feldstars.
					124.9	Д,			
					F	3		-	
						ist	Strong, fine-	Strong-	
					<u> </u>	. j.	FeSz in la	rac clots	
					-	3			
					153.0	$ \hat{j}_{k} $	<u>.</u>	-	
							Many SPCC Co	ated shears	
					-	1.2 1.3 1.4			
		50	72		<u>.</u>	A S	moderate N	1.59	
					-		FeS2.	IDUL KILL	
					164.0	D.			
	İ					17.			
		10	44			is in	Weak Mo	S2.	
					1730		Treating the state of the state		
		20	48						
-					179.2			1	

EŖ	REEPORT	EXPLO	RATIEN	INCLINATION			PROPERTY Hinton		
	COI	MPANY		STARTEI COMPLE) TFD	LOCATION COLLAR CO	OORD N	F	
	DIAMOND	DRILL RECOF	RD.	DEPTH_		COLLAR E	LEV		
F===;	SCALE			NOTES	BY	SHEET 3	OF0		
REC'D	ASSAY	11 1 1 -	DETAIL	NOTES		GENERALIZE	NOTES	c	
, œ	PPH PPI		180'					: 1.	
	25 52	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
		184.9 5	."						
) port ()								•	
			-Arlite dir	<e -<="" td=""><td></td><td></td><td>•</td><td>•</td></e>			•	•	
		195.0						•	
	30 44			•			•		
		4.							
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	205.1							
	56 40	FE	-Mod MoSz,	Tr. Cufesz		•			
		215.5			"Biotit	c Granite" (as alove)		
			_silizifi	ed zone			2.2000		
			\ <u>\</u>					•	
		3	Scattered of Grains Mosz	lisarate			.)		
			Grains Floss						
					· /	en e			
		2320	Silienfie	ed zone		•			
	10 10								
	48 10	1	\ "-"		•				
Supposed .		292.0	Pure Pink	of almost orthociase.				•	
	52 70	(£)	Few larse	Grains 11652					
		-		4					
		252.0	•					**************************************	
		1 50							
			•						
								• •	
		100				•			

COMPANY STARTEDLOCATION	ATI V DIRECTION	POLE NO. <u>FDH-2</u> PROPERTY Hinton		
DEPTH COLLAR ELEV. NOTES BY SHEET 1 OF 10 SCALE ASSAYS BY DETAIL NOTES GENERALIZED NOTES 270' 53 10 DEPTH COLLAR ELEV. SHEET 1 OF 10 SHEET 1 OF 1	STARTED	LOCATION		
DIAMOND DRILL RECORD SCALE NOTES BY SHEET 4 OF 10 SHEET 4 OF 1	DEPTH	COLLAR ELEVE		
ASSAYS Mo Cu PPH				
53 10 272.0				
53 10 272.0	• • • • • • • • • • • • • • • • • • •	NERALIZED NOTES		
53 10				
282.0		~		
	- \			
297.5				
"Biotite Granite" (as above) Essentially barren - no Mosz vare Fesz	"Biotite Gr	-anite" (as obove)		
Essentially barren - no Mosz, vare Fesz. magnetite still common.				
306.0				
Highly sheared zone, abundant chlorite, Fe o	abundant chlorite, Fe o			
3241 [
3344				
Strong shears speculante	rons shears speculante			
15 coated	oated			
Fine-Grained arte - Aplite	ine-Grained arite - Aplite			
354.0				
Texture obscured - mostly finkish orthodoxe & brothe	Texture obscured - mas	etly Pinkish orthoclase & Brothe		

FREEPORT EXPLORATI N DIRECT						_O	RATI 1	DIRECTI	ECTION NOLE NONOLE NO NOLE NO NOPERTY Florion				
			OM					STARTE	D LOCATION				
			, O 1V	11 /-	4171			COMPLE	DLOCATIONETEDCOLLAR COORD. NE				
-	DI	AMO	ND D	RILL	. RE	COF	RD.		BY OFOFO				
		SCA	LE_					NOTES	SILE 1 OF				
ろいっこ 水 しっこ	1	ASS	AYS	6	SECTION	OLUMA	DETAIL	NOTES	05115511155511055				
لآ ک د نک		110	∆u PPm		53	Ö	DE TAIL 360'	NOTES	GENERALIZED NOTES				
		17"	FFIRE	╁━-	S	11	360						
		ļ	<u> </u>	<u> </u>	363.0	15			"Biotite Granite" (as above)				
					lf.	138	h		-231-5-				
									"Granodiorite" - Fine Grained; dark Grey; abund				
1					-	#	Granadioni	te with	shreddy biotite; very little to no quartz. Feldspers a PPear to be mostly Planiclase. Trace Mosz, Fesz				
-					ŀ	念	some biotit	e avanite	Few short intervals or biotile Granite.				
					3 <u>78.0</u>		/		(378'				
		50	96		-	1		•					
					381.0	1/3							
		120	60		ļ	1	Few stee	P shears					
					3 <u>87.5</u>	(1)							
	-					1							
		150	64		1	2							
					392.8	j_i							
		140	80		-	4.5	J						
					338.0	i y		•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
					-	1			Biotite Granite - texture and composition as above. Fe.Sz moderately abundant, persistant				
		110	64		<u> </u>	1			11032 Finely disseminated and in local clusters				
					100.0	14.			Of Grains. This interval appears to have more quartz than above. Machetite common.				
	/				-	1.1			BOCK Generally Fresh-biotite bright black - feldspars Glassy to locally weakly clay-sericite altered. Few				
					Ļ	1			minor Patches of silicification				
		160	72		<u> </u>								
					416.0	;;	•						
				-	110.0	1							
						13/							
	.	90	56		-	1		•					
						芸							
		·			1260	17							
			1.			7							
		140	68			3	•	•					
-					736.0	14	•						
						1.							
					-	1							
		70	56		-	3.							
					448,	3/			Mosz decreases Fesz remains common				
- 11	1	1		· . 17	1								

EF	FREEPORT EXPLORATI N							ON HOLE NO
	·	ON	1PA	YNA	/		STARTE	DLOCATION TEDCOLLAR COORD. NE
							COMPLE DEPTH_	TED COLLAR COORD. N E E
	DIAMO SCA	ALE_		L RE	COF		NOTES	BYSHEET_6_OF_10
SEC D	ASS	SAYS	===== S	NO O	IS			
% CO REC	M o PPM	CU. PPH		SECTION	COLUMN	DETAIL 450	NOTES	GENERALIZED NOTES
	10	40			*			
				156.0	.,		•	
					5			
				F	7	•		
			ļ. <u> </u>	46.5.0	1.7			
					1			
	15	40		-				
				475.0				"Granndiorite" (as above)
				113.0			in the second	
				Ŀ				
				484.0				"Biotite Granite" (as above) Weak to trace Fesz
		ļ ———		454.8				Rare speck to no Mosz
	No.	120			×.	water call che		
	1117			- - -	V	intensely she faces Feo s	tained	
				494.Z				
		,		<u>}</u>				"Granodiorite" (as above)
				<u>-</u>	多			
				5042			e prijeti	
	Nil	68		-				
				5.14.0				
					12.7 14.7			
, ·			·		1			
		÷]	
				52 4.7				
		h, a			10:			
	20	72		-	14			
				<u>531.5</u>				
	25	60		<u>5381</u>	F. 1		•	
					1			

COMPANY STARTED COMPANY COMPANY COMPANY COMPANY COLLAR COOPD N. E. DEPTH COLLAR ELEV. NOTES BY SHET. / OF 19 ASSAYS ASSAYS AND ASSAYS AS	ER	EEP	ORT	E	XPL	_0	RATI N	DIRECTIO	N	ا [IOLE NO. DDH-2 PROPERTY Hinton			
DIAMOND DRILL RECORD SCALE ASSAYS ASSAYS BETT OF 10. BETH NOTES SEET 7. OF 10. BETH NOTES GENERALIZED NOTES GENERALIZED NOTES SEET 7. SEE	i į	•	COL	MP	ANY	,		STARTE	D		OCATION _			
SCALE NOTES BY SHEET 1/ OF 10 SCALE ASSAYS DETAIL NOTES GENERALIZED NOTES STATE OF 10 ST) 						•	COMPLE DEPTH	TED	C	OLLAR COC	RD. N	E	
Sec. 15 Sec. 15 Sec. 15 Sec. 16 Sec. 16 Sec. 16 Sec. 16 Sec. 16 Sec. 17 Sec. 1					L RE	COF	RD	NOTES	BY	S	HEET 7	OF 10		
30 68 Side	in O													
30 68 Side	AEC YEC	7	10 Cu			010	DETAIL	NOTES		GENE	RALIZED	NOTES		
Side of Side o	%	P	PH PPI	1	SE	S I	590'							
Side of Side o			10 72	-	ŀ	Z			\					
Stee 1 Stee 1 Stee 1 Stee 1 Stee 2 Stee 2 Stee 3 Stee 3 Stee 4 Stee 4 Stee 4 Stee 4 Stee 4 Stee 5 Stee 6 Stee 6 Stee 7 Stee 6 Stee 7 Stee 6 Stee 7			_ _	546.0	1									
Stee 1 Stee 1 Stee 1 Stee 1 Stee 2 Stee 2 Stee 3 Stee 3 Stee 4 Stee 4 Stee 4 Stee 4 Stee 4 Stee 5 Stee 6 Stee 6 Stee 7 Stee 6 Stee 7 Stee 6 Stee 7		ļ		-	 シ									
Stee 1 Stee 1 Stee 1 Stee 1 Stee 2 Stee 2 Stee 3 Stee 3 Stee 4 Stee 4 Stee 4 Stee 4 Stee 4 Stee 5 Stee 6 Stee 6 Stee 7 Stee 6 Stee 7 Stee 6 Stee 7				-	13		-							
Stee 1 Stee 1 Stee 1 Stee 1 Stee 2 Stee 3 Stee 3 Stee 4 Stee 4 Stee 4 Stee 4 Stee 5 Stee 6 Stee 6 Stee 7 Stee 6 Stee 7 Stee 6 Stee 7				F					•			*		
Stand Sharma About Stand Sme chlorite Sme chlorite Biotite Grante" (as above) Very rere to no Miss. Very weak Fesz, masnetite common				-	556.0	- 1					•		•	
Stand Sharma About Stand Sme chlorite Sme chlorite Biotite Grante" (as above) Very rere to no Miss. Very weak Fesz, masnetite common					#	1								
Step 1 Shearing About 5 Step 1 Step 2		;	30 68	3	F	1		• • • • • • • • • • • • • • • • • • •	• \			• •		
Stephen Shearma, Abmet o stain + stephente Some eAlovite Biotite Granite" (as above)						1/4	V. St. zhlori	to + Feo				e de la companya de La companya de la co		
Since all exite Biotite Granite (as above) Very rare to 110 Moss. Very weak FeSs., madretite common Signature of the state of the st				-	_ .566.0	1								
Signature of the secondarite Biotite Granite (as above) Very rare to 110 Miss. Very weak Fess, madretite common was fess. Signature of the secondaria of t					E	1		•						
Signature of the secondarite Biotite Granite (as above) Very rare to 110 Miss. Very weak Fess, madretite common was fess. Signature of the secondaria of t		•			ŀ	V	Strong Shea	ring. Abund						
Very rare to no Miss. Very weak Fess, magnetite common. Signal of the second of the					57/40	X	Foo Stain +	specularite	\	- (,	to" (1		
5 56 586.2 The state of the sta						Vi		•	Very 1	rare to	no Mosz			
Nil Go			_ _/	.	-	X		-	very ,	weak Fe.	Sz, macnet	ite common	•	
Nil Go		-	5 56	'	-					•				
Nil Go					586.0	1	<u>/</u>							
Nil Go	3	. /				1, 1, 1			•	•				
Nil Go	•				F	17.7.1			1			•		
Nil Go					ŀ	7								
Nil Go					#	: /, \ \ \ \ \ .								
Nil Go				'	1	1				•			•	
Nil Go					E	107		-						
Nil Go					 	次								
				_	606.0									
						•								
16.0 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1		И	1 60		- -	[i]				•				
					<u> </u>) /) /							•	
				-	16.0						* . •			
					-			1					* • • • • • • • • • • • • • • • • • • •	
					-	**					•		•	
											• • • • • • • • • • • • • • • • • • •	•	. *	
	S. See				<u> </u>	*								

CÓMPANY DIAMOND DRILL RECORD								STARTEI COMPLE DEPTH_	TOLE NO. DPH-Z ATION ROPERTY Hintor ED LOCATION ETED COLLAR COORD. N. E. COLLAR ELEV.
F====			LE_					NOTES	BYSHEET_8OF_10
% COBE RECU		Mo	Cu.	7	SECTION	COLUMN	DETAIL	NOTES	GENERALIZED NOTES
					<u> </u>	メデン			
*** *** *** **		ніІ	56		44.7	373			
					(*33.7. -	7572			
						10/10/1			
A SAN					662.0	アイフハ			Biotite Granite (as above) - Fresh, barren, tare FeSz, no Mosz
		нП	52		-670.4	きバジブ		•	
						1			
						アマグリ			
				-	-87 <i>0</i>	フシン			
		Nil	84	-		77.7			
					1097.0 -				
	e Na E				-	インファ			
					7/10.0	3/2 7/			
		Nil	68		7/9	1			

FREEPORT EXPLORAT! N						-0	RAT! N	INCLINA.	ON HOLE NO. DDH-2. TION PROPERTY_Hinton
	•	С	ÖV	IP/	VNY	•		STARTE COMPLE	DLOCATIONE
	DI	AMOI	VD D	RILL	. RE	COF	RD	DEPTH_	COLLAR ELEV
	· · · · · · · · · · · · · · · · · · ·		LE_					NOTES	BYSHEET_9_OF_10
REC'D	/	1110	AYS PPM	1	SECTION	COLUMN	DETAIL		GENERALIZED NOTES
		F F 7 7	FFTT		S	141	120		
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er e						COMPLE'	TED 146 4 , 156 x	COLLAR COORD. NE COLLAR ELEV. <u>±4175</u>		
	DIAMOND SCAL	DORILI E <u>l'</u>	- RE	COF	RD	NOTES	BY F.J. Helson	SHEET 10 OF 10		
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F	REE	PO	RT	E	XPL	_0	RATION	DIRECTIO	N	HOLE NO. 1997/25 PROPERTY Floor of Hald Present LOCATION ILW Counce Chile S.7		
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	aS:							COMPLE DEPTH	TED <u>II Aprol, 1966</u> - 900 reed	COLLAR COORD. NE COLLAR ELEV. # 4/36'		
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					 -	0	Occas. Shea W. SerPentin		more equipmental	te Granite: Some intervals -; texture variably, subtly changes		
-					[D	Felds Cen. Fre	sh	from med. to fine	to loc. coarse Grained: Numerous		
						3			abund. biotite. 0	s, commonly zoned; quartz 5-10%, ccas. hublind; few narrow dikes		
						δ. <u>Π</u>	· .		of aplite.	THE HATTON DINES		
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· •	DIA	MONE	D DRI	LL RE	CO	RD	DEPTH_	COLLAR E	COLLAR ELEV SHEET3 OF10	
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REC'D		NSSA Mo C FPH P		SECTION	COLUMN	DETAIL I	NOTES	GENERALIZE	NOTES	
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				<u>.</u>		silicification. Commonly in clots. Moss, Fe	5meared			
1					1	OCCAS on she	ears.			

DEPTH _____ COLLAR ELEV.___ DIAMOND DRILL RECORD NOTES BY______ SHEET_ 4 OF 10 SCALE. SECTION **ASSAYS** COLUM GENERALIZED NOTES DETAIL NOTES MO CIL PPM PPM 270' 32 30 285 24 85 250 100 40 295 24 20 Weak to loc. mod. 32 Porphyritic Biotite Granite (as above) 305 MoS2 as dissem. Flakes. rosettes and smears on sheared Fractures. 33 Some CuFeSz as crratic Grains. Abund. Fesz. Rock mostly 165 41 Sheared highly alt, abund chlorite and serientine Feldspars 34 35 320 Misclay alt. - Some Patchy on "schlieren". 80 16 24 330 2,4 33 340

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がいっこ がたいり	Mo C		SECTION	COLUMN	DETAIL N	NOTES	GENERALIZED NOTES
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			ļţ.	-',	Moderate s Rare Fes		Mainly coulgranular biotite Granite
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Ę	REEPORT	EXPLORATIO	INCLINATION	HOLE NO. DDD S PROPERTY ELDID AN LOCATION E. E.
· .		DRILL RECORD	COMPLETED DEPTH NOTES BY	COLLAR COORD. N E COLLAR ELEV SHEET // OF 10
32 C	ASSAY:	THE SETAI	L NOTES	GENERALIZED NOTES
		7769777777		ranular Biotite Granite Some intervals Porphyritic
	25 480		tered blebs cures2.	
brown.				
			Com	dspathized Rock"-texture and iPosition obscured by intense veration. Some Kaolin and Sericite.
	5 44	625		•

1		EE	POI	RT	E	KPL	0	RATION	DIRECTIO	TIONHOLE NO. DDH-3 PROPERTY_Hinton
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	DIAMOND DRILL RECORD						COF	RD	NOTES	BYSHEET_8_OF_10
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G	Ricui			AYS		SECTION	COLUMN	DETAIL 1	NOTES	GENERALIZED NOTES
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				36						"Felds Pathized Rock" (as above)
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						-	j'			Equicranular and Porphyritic Biotite
						-	ם י			Granite. Textures variable highly altered
			Hil	28		-	13			but reconizable
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FRI	EEPORT E		RATION DIRI	ECTION	HOLE NO PROPERTY_	DD11-3 Flirt on
	COMP	ANY	STA CON	RTED MPLETED	LOCATION _ COLLAR CO	ORD. N E
. سو	DIAMOND DRIL	L RECORI	DEF	PTH	COLLAR EL SHEET SHEET	EV
W COLE	ASSAYS	SECTION	DETAIL NOTE	ES	GENERALIZED	NOTES
REC	Mo Cu PPM 30 48	730 730 730 730 730 730 730 750 750 750 750 750 750 750 750 750 75	DETAIL NOTE 720 Strong Clay- Ser alt. No MoS2; ra FeS2. "Fresh" Feldspans bright black biot St. magnetite. Generally Fresh, m in clots (secondary Few minor shear Zones. Rape MoS2,	and Dike of Porphyr	Granite - equia itic (as above) "dacite PorPhyry;	·····
		000				

COMPANY DIAMOND DRILL RECORD SCALE 1"=10"	INCLINATION <u>Verilical</u> STARTED <u>6 Mar. 68</u> COMPLETEDU Per. 63	HOLE NO. DDH.3 PROPERTY Hinton Banch LOCATION 11-W. Car Chala 57 COLLAR COORD. N. E. COLLAR ELEV. ± 91.50' SHEET 10 OF 10
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		SCALE _ 1" = 10'							NOTES BI STILL! OF			
12 9	REC'D	SECTION SECTION WAS THE PART HAS THE PART HA			DETAIL	NOTES	GENERALIZED NOTES					
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		7 7 7					0001010001W					
					d		こうなとなったっとう	Strong CPia	lote	Felds Pathized rock - Texture and Composition Obscured by intense alteration		
			Ni	20		890	0/1	V. St. alte CPIdote., Ki		Porehyritic Biotite Granite (as above)		

Diamond Drill Hole #1 area - Geochemical Sampline Hinton Moly Prospect Scale 1" = 20'

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O41 Covered by bulldozina. O42

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Mo 0 45 PPM

€5-100 "

0>100 "

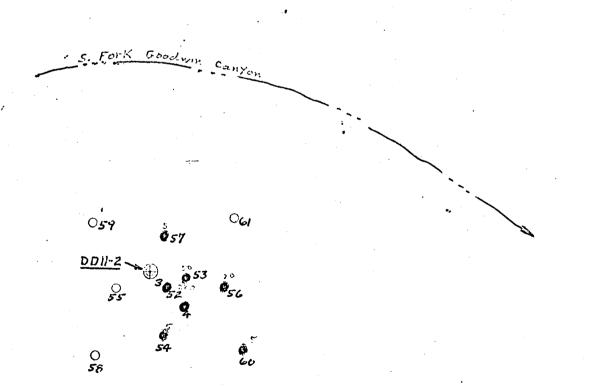
"Discovery Knoll"

(Sample numbers in black ink)

Diamond Drill Hole #2 area - Geochemical Sampline Hinton Moly Prospect Scale 1" = 50'

063 C62 050 200 AT 049

051



Mo C \$ 5 PPM

●5-100 +

●>100 "

South Fork Goodwin Canton
N.W. corner "Chula" 59
(Sample Numbers in black ink)