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% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE
D.D.H. No. SL-1E SCALE 1"=50' BY A.A. ONA
LOCATION COLLAR EL DATE

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-80 LT YELLOWISH BROWN SEDIMENTS (Kb?) CONSISTS OF: SANDSTONE, SHALY SILTSTONE; ABUNDANT CALCITE VNLTS IN SANDSTONE

50

80-110 DARK GRAY MONOMINERALIC DIKE? CRYSTALS OF AMPHIBOLE?

100

110' T.D.

150

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS-PEARCE PAGE 1

D.D.H. No. SL-1W SCALE 1" = 50' BY A.A.DNA

LOCATION _____ COLLAR EL _____ DATE _____

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-30 LT. BROWN & GRAY FRAGMENTS (QAL) FRAGS ARE MAINLY RHYOLITE, HORNBLENDE AND PORPH, BASALT & QTZ VN MAT

30-100 LT BROWN SOIL + QAL

50 — FRAGS MAINLY RHYOLITE & QTZ VN. MAT, OCCAS LIMESTONE

100 — 100-140 LT GRAY AGGLOM TUFF; FERROMAGS ALTERED TO LIM; ARGILLIC ALTERED

150 — 140' T.D.

% Core Recovery	Mineralztn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

RDH D.D.H. No. SL-2 SCALE 1"=100' BY A.A.ONA

LOCATION _____ COLLAR EL' _____ DATE 6/12/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-20 LT REDDISH BROWN MIXTURE OF SANDSTONE & RHYOLITE (QAL?)

20-70 BROWNISH GRAY HORNBLENDE ANDESITE PORPH. MOD ARG ALTN

100 — 70-120 LT GRAYISH BROWN, AGGLOM TUFF; ANGULAR Qtz, FELDS, RHYOLITE FRAGMENTS; INT ARG. ALTN

200

120' T.D.

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

D.D.H. No. SL-2A SCALE 1" = 50' BY A.A. ONA

LOCATION Pearce COLLAR EL ____ DATE ____

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-20 LT. BROWN QAL; FRAGS ARE RHYOLITE, QUARTZITE & QTZ VN MATERIAL; EPIDOTE IN ONE FRAGMENT

20-80 DARK GRAY TO BROWNISH GRAY HORNBLENDE AND. PORPHYRY

50

80-100 GRAY TUFF PROB. EQUIVALENT TO AGGLOM. TUFF OUTCROPPING AT SIX-MILE HILL

100

100' TD

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

RDH ~~D.D.H.~~ No. SL-3 SCALE 1" = 100' BY A. A. ONA

LOCATION _____ COLLAR EL' _____ DATE 6/12/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-60 LT. BROWNISH RED SOIL; WEATHERED? (OR INT. ARG. ALT'D) RHYOLITE

60-90. LT GRAY FELDSPAR QTZ RHYOLITE PORPH WITH DISTINCT FLOW TEXTURE; WK TO MOD ARG. ALTN.

100

90-110 LT. BROWN TO WHITE TUFF ARGILLACEOUS (INT. ARG ALT'D?) OCCAS BLACK / GRAY (MN?/HEM?) MIN.

200

110-160 LT. REDDISH BROWN SANDY TUFF? INT ARG ALTN (AGGLOM TUFF?)

300

160-210 LT. BROWNISH GRAY SANDY TUFF? INT. ARG. ALTN.

SPOT CORE 208-210 (TUFFACEOUS SANDSTONE; 30° DIP)

210' T.D.

% Core Recovery	Mineralztn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

RDH ~~D.D.H.~~ No. SL-4 SCALE 1" = 100' BY A.A. ONA

LOCATION _____ COLLAR EL' _____ DATE 6/12/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-60 LT. BROWN TO VERY LT GRAY MIXTURE OF SANDSTONE & RHYOLITE FRAGS

QAL?

100

60-190 LT BROWN TO YELLOWISH BROWN TUFFACEOUS SAND STONE

200

190' T.D.

300

400

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

D.D.H. No. SL-5 SCALE 1"=50' BY A.A.ONA

LOCATION _____ COLLAR EL _____ DATE _____

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-230 LT BROWN TO LT BROWNISH GRAY CONGLOMERATE (GRAVEL). (Tert. Gila)

MIXTURE OF:

Tertiary volcs (Rhyolites)

Qtz vn mat, sandstone,

Agglomenatic tuff

50

100

150

200

230' T.D.

250

% Core Recovery	Mineralzn	Alteration	Structure	Rock Type

PROJECT STEPHENS-PEARCE PAGE 1

D.D.H. No. SL-6 SCALE 1"=50' BY A.A. ONA

LOCATION COLLAR EL DATE

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-90 LT. BROWN
SOIL & ROCK FRAGMENTS (CGL)
RHYOLITE
SANDSTONE
QUARTZ/CALCITE VNS

50

100

120-140 ALL CLAY

150

140-210
FINE FRAGMENTS MAINLY QTZ
LARGER - RHYOLITE + BIO/CHLORITE

200

210' T.D.

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS PEARCE PAGE 1

ROT D.D.H. No. SL-10 SCALE 1" = 50' BY A.A. ONA

LOCATION COLLAR EL DATE 8/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0 – 130

Gravel, (valley fill); different volc, seds, & igneous lithologies; brownish color (water table possibly at 130'?)

100

130 – 290

Gravel, lithologies predominantly volcanics, less seds, rare igneous; light gray-brown

200

300

TD = 290'

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS PEARCE PROJ PAGE 1

D.D.H. No. SL-11 SCALE 1" = 100 BY

LOCATION COLLAR EL DATE

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-60 LT. BROWN TO LT. GRAY GRAVEL; FRAGS ARE QTZ RHY. PORP, FELDS QTZ RHY. PORP, SANDSTONE, SOIL & RARE GRANITE

60-100 LT. BROWN SOIL & GRAVEL; FRAGS ARE LIMESTONE, SANDSTONE, GRANITIC RXS, RHY.

100 — 100-190 LT PINKISH BROWN GRAVEL W/ GRANITIC FRAGS (ALASKITE) & AND. PORPH IN UPPER SECTION; INCREASE IN S.S. FRAGMENTS TOWARD BOTTOM; ALSO INCREASE OF EPIDOTE BEARING FRAGS TOWARDS BOTTOM

200 — 190-250 PURPLISH BROWN FELDSPAR QTZ. RHY PORPH W/ OCCAS CALCITE VNLTS; FELDS PHENOS FRESH (START OF BEDROCK ± 180')

300

250-380 REDDISH BROWN FELDSPAR PORPHYRY W/ ABUNDT. LIMONITE; MOD ARGILLIC ALT.; OCCAS HEM/MN OXIDES; OCCAS AGGLOM TUFF FRAGS PRESENT

400

380-400 VERY LT BROWN TUFF W/ CRYSTAL FRAGS OF QTZ, BT, Hb, & FELDS.

400-430 T.D. LT. GRAY RHYOLITE SAME AS CRACKIE ZONE AT QRP IN 6-MILE HILL; SPHERULITIC SILICA W/ CLAY IN VUGS

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

Rot. ~~D.D.H.~~ No. SL-13 SCALE 1" = 50' BY A.A. ONA

LOCATION _____ COLLAR EL _____ DATE 8/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-110

BROWN GRAVEL, MAINLY RHYOLITIC COMPOSITION

100

110-210

GRAY RHYOLITIC TUFF; NOTE FINE GRAIN TEXT, APPEARS AS F.G. EQUIVALENT OF HORNBLENDE ANDESITE PORPHYRY

200

210-290

LT. BROWNISH GRAY RHYOLITIC TUFF

300 TD 290

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS- PEARCE PAGE 1

ROT D.D.H. No. SL-14 SCALE 1" = 50' BY A.A. DNA

LOCATION COLLAR EL DATE 8/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-130

Gravel, orange-red color, with mod. limonite; almost all volcanic lithology.

100

130-330

Fine grained Hornblende Andesite porphyry (HAP); gray color

200

HAP

(NOTE ASSAYS)

200'-250' 0.015 Au oz/T ; 0.01 Ag oz/T

250'-300' 0.010 " Trace Ag

300'-350' 0.010 " "

300

330-350 HAP, purple, argillic altered, fine grained

TD = 350'

400

% Core Recovery	Mineralzn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

D.D.H. No. SL-22 SCALE 1" = 50 BY A.A.ONA

LOCATION COLLAR EL DATE

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-80 GRAVEL

FRAGS OF QTZ, QTZTE, GRANITE, & RHYOLITE

50

80 - 190

FRAGS OF MAINLY SANDSTONE &

100 QUARTZITE ; OCCAS CHERT & RHYOLITE

150

200 190' T.D

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS PEARCE PAGE 1

RDH ~~D.D.H.~~ No. SL 24 SCALE 1" = 100' BY A.A. ONA

LOCATION _____ COLLAR EL' _____ DATE 6/13/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-470 LT. BROWN TO GREENISH GRAY TO WHITE MIXTURE OF DIFFERENT LITHOLOGIES

100 (QTug) "Valley fill", Gila Cgl; Frags are rhyolite, Andesite, Qtz vn mat; sandstone; Calcite;

200 A Few number of fragments contains steel gray to black submetallic (Mu?; Hem?) min; a larger number has chlorite & biotite.

300

400

470' T.D.

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS-PEARCE PAGE 1
D.D.H. No. SL-28 SCALE 1" = 50 BY A.A. ONA
LOCATION PEARCE, AZ COLLAR EL _____ DATE _____

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-60 VERY LIGHT BROWN ALLUV.
MIXTURE OF: (1) SOIL 80%
(2) VOLCANIC ROCK FRAGS (RHYOLITE), 10% w/ OCCAS MANGANESE; RARE HEM.
(3) SEDIMENTS (SANDSTONE) ±5%
(4) QTZ/CALCITE VN MAT

60-80 WHITE TO VERY LT GRAY MARLY SILTSTONE w/ DARK GRAY (Mn?) COATINGS; VERY RARE GRANITIC FRAGMENTS. (CALICHE?)

80-240 VERY LT BROWN TO LT. YELLOW BROWN

100

MAINLY CALICHE & SOIL (90%) w/ OCCAS QTZ/CALCITE MATERIAL, AND RARE SANDSTONE & RHYOLITE

200

240-400 LT GRAY TO REDDISH BROWN GRAVEL WITH FF:
1. Rhyolite & rhyolite porphyry 70%
2. Sediments (mainly sandstone) 15%
3. Qtz/calcite vn material 10%

300

(DEFINETECY NOT BEDROCK)

400

400 T.D

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1
D.D.H. No. SL-29 SCALE 1"=100' BY A.A.ONA
LOCATION PEARCE, AZ COLLAR EL _____ DATE _____

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0 - 400 GRAVEL

0 - 90 CGL + SOIL
RHYOLITE, SANDSTONE, & QUARTZ VN MATERIAL

100

90 - 400 CGL -
RHYOLITE - 40%
Hb. And - 20%
Qtz vn - 10%
+ SCHIST, SILTSTONE, SANDSTONE AND GRANITIC FRAGMENTS.

200

300

ONLY NOTICEABLE ALTERATION:
Hb / BIOTITE → Fe Ox
RARE Mn.

400

400' T.D.

% Core Recovery	Mineralzn	Alteration	Structure	Rock Type

PROJECT STEPHENS-PEARCE PAGE 1

D.D.H. No. SL-30 SCALE 1" = 50' BY A.A. ONA

LOCATION _____ COLLAR EL _____ DATE _____

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-110 GRAVEL (CGL = VALLEY FILL)

FRAGMENTS

QUARTZITE w/ QTZ VNLT; OCCAS EPID.

SANDSTONE w/ EPIDOTE

50 GRANITE w/ CHL-EPID (PROP)

BASALT

100

110' T.D

% Core Recovery	Mineralztn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

D.D.H. No. V-6 SCALE 1"=50 BY A.A. ONA

LOCATION _____ COLLAR EL _____ DATE _____

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-30 LT BROWNISH SOIL + LIMONITE COATED FRAGS OF SANDSTONE, ANDESITE, AND QTZ VN. MATERIAL

30-200 LT BROWN

50 — CONGLOMERATE - VALLEY FILL PROBABLY "TERTIARY GILA" FRAGMENTS:

1. RHYOLITE - 20-30%
2. QTZ VN MAT - 20%

100 — 3. CALCITE VN. MAT - 10%
4. SANDSTONE - 10%
5. SERPENTINE - <5%
6. EPIDOTE - <5%

150 — 7. GRANITE RARE

200

200' T.D.

Drill Hole No. ..... Property .....

Type Hole ..... Location .....

Size Hole ..... Co-ord .....

Date Started ..... Date Completed .....

Depth	Sample No.	Cu	Mo	Au ppb	Ag PPM		Description
SL-1E	0-110			(34) Ave .001 02	Ave (5) .03		
SL-1W	100-130			(171) .005	(<1) .01		
SL-2	0-120			(171) .005	(<1) (.01)		
SL-3	100-~~150~~ 210			(171) .005	(<1) .01		
SL-4	50-100			(171) .005	(<1) .01		
SL-5	No BR						
SL-6	No BR						
SL-11	300-350			(171) .005	(<1) .01		
14	200-250			(514) .015	(<1 .01		
22	N BR						
24	N BR						
28	N BR						
29	N BR						
30	N BR						
V-6	N BR						
~~VSL 11~~	~~300-350~~			(171) .005	(<1) .01		
13	N BR						
10	No BR						
~~14~~	~~200-250~~			(514) .015	(<1) .01		
15	N BR						

SL-24 -

COLLARED IN POST-MINERAL GRAVEL - LOST CIRC @ 150' - HAD TO PUMP WATER TO REGAIN CIRC. HOLE BEGAN MAKING WATER @ 240' (NO MORE THAN 2 GALLONS A MINUTE) - STOPPED HOLE AT 470' - STILL IN POST-MINERAL GRAVEL. STARTED HOLE 6-8-81

BOH 470' STOPPED HOLE 6-8-81. [redacted] - BOH 470'

SL-22

COLLARED IN POST-MINERAL GRAVEL - ENCOUNTERED BEDROCK AT 170' - STOPPED HOLE AT 190' BEDROCK IS MED GRAINED SANDSTONE. STARTED AND STOPPED HOLE 6-9-81. DID NOT ENCOUNTER WATER. - BOH 190'

6-9-81 - TRIP TO TUCSON TO GET MATERIAL TO PLUG HOLE - ALSO ADVANCE OF 150' TO STU - GROVER ADVISED WISHES TO HAVE DRILLER SPOT CORE AT BOTTOM - BACK TO PEARCE - CALLED GROVER 2:00 - OK TO SPOT CORE - ADVISED DRILLER TO SPOT CORE AT 2:30 (6-9-81) -

BOH 190' 6-10-81 - WENT TO NEXT SET UP HOLE SL-3 - WATCH-

CUM 660' MAN ADVISED ED WENT TO TUCSON TO GET SET UP TO SPOT CORE - NO HOLE TODAY. -

SL-3 HOLE COLLARED 6-11-81 IN POST-MINERAL GRAVEL HIT BEDROCK @ 70' IN A POOR ANDESITE ENDED IN A WHITE POORLY INDURATED SANDSTONE

BOH 211' DID NOT ENCOUNTER WATER. - BOTTOM - 210' - 1' OF

CUM 872' CORE BOH 211'

28 YD x 11.25 3240.00
975
1000
34,375.00

SL-2 COLLARED HOLE 6-12-81 IN POST MINERAL GRAVEL
HIT BED ROCK @ 40'. BEDROCK IS A PORP ANDESITE
DRILLER HAD TROUBLE AT 70'. COULD NOT GET SAMPLE
BETWEEN 70' & 80'. POSSIBLE FAULT - AT 80' WENT
INTO A TAN RHYOLITE - AT 110' ENCOUNTERED A
ARKOSIC SANDSTONE. DRILLED TO 145' BUT COULD GET
NO SAMPLE FROM 120' TO 145' - NO CORE WAS
POSSIBLE - NO WATER WAS ENCOUNTERED. - QUIT HOLE 6-12-81
BOH 120'
(WENT TO TUCSON 6-11-81 NITE - BACK AT 12:30 6-12-81)

SL-2
BOH 120'
CUM 992

SL-4 COLLARED HOLE 6-13-81 IN POST-MINERAL GRAVEL.
BEDROCK AT 60'(?) - BEDROCK IS A CONGLOMERATE
STAYED IN THE CONGL TO BOTTOM OF HOLE AT 190'
DID NOT ENCOUNTER WATER - QUIT HOLE 6-13-81 NOON.
(2' OF CONG CORE AT BOTTOM OF HOLE) BOH 192'

SL-4
BOH. 192
CUM 1183

SL-5 - COLLARED HOLE 6-13-81 IN POST-MINERAL GRAVEL
BEDROCK AT - BEDROCK IS A
LOST CIRC AT 150' - WENT TO SLUDGE TO 230'
(BROKE HYDRAULIC LINE WHEN TRIPPING OUT. REPAIR
TIME 1 HOUR) - NO WATER ENCOUNTERED - ENDED
HOLE IN A BLACK AT 230' ON 6-14-81
(CORED BOTTOM 1' - ONLY GOT A 3" PIECE - THE REST WAS BROKEN)
BOH 232'

SL-5
BOH. 231
CUM 1416

SL-1 (WEST) - COLLARED HOLE 6-15-81 IN POST-MINERAL FILL
GROUND VERY SOFT - LOST CIRC BETWEEN 110' AND 120'
NO SAMPLE RETURN - DRILLED TO 140' - NO SAMPLE BETWEEN
130'-140' - NO WATER ENCOUNTERED. CORED BOTTOM
ENDED IN A POORLY INDURATED COARSE GRAINED CONGL
BOH 141' - NO WATER ENCOUNTERED - QUIT HOLE 6-15-81

SL-1 (WEST
BOH 141'
CUM 1556

SL-6 - COLLARED HOLE 6-16-81 IN POST-MINERAL FILL ON 6-16-81 - LOST AIR CIRC AT 80' - WENT TO SLUDGE - FILL IS MOSTLY CLAY - COULD GET NO TRAY SAMPLE FROM TO . STOPPED HOLE AT 210' IN POORLY INDURATED AGGL. GROUND TOO SOFT TO GET CORE. ENDED HOLE 6-16-81 NO WATER ENCOUNTERED.

SL-6
BOH 210'
CUM 1766'

SL-1(EAST) - COLLARED HOLE 6-16-81 ENDED HOLE 6-16-81 STARTED IN VALLEY FILL - BEDROCK AT 10-20' IN DARK WEATHERED ANDESITE - ROCK CHANGE AT 80' TO A GREEN ANDESITE(?) PYRITE. STOPPED HOLE AT 110' IN ABOVE MATERIAL - NO WATER ENCOUNTERED 1' CORE AT BOH.

SL-1(EAST)
BOH 111'
CUM 1877'

SL-30 - COLLARED HOLE 6-17-81 IN VALLEY FILL LOST CIRCL @ 90'. SLUDGE FROM 90 TO 110' - STOPPED HOLE - STILL IN POST-MINERAL GRAVEL. NO WATER ENCOUNTERED - 1' CORE

SL-30
BOH 117
CUM 1989'

SL-2-A COLLARED HOLE 6-22-81 in POST-MINERAL FILL 150' SOUTH OF SL-2. BED ROCK AT 20' IN PORPH ANDESITE AT 70' CHANGED TO A TAN RHYOLITE. ENCOUNTERED TROUBLE IN HOLE LOST HOLE AT 190'. NO CORE POSSIBLE NO WATER ENCOUNTERED, BOH 190'

SL-29 COLLARED HOLE 6-23-81 IN POST-MINERAL FILL LOST AIR CIRC AT 110' - WENT TO SLUDGE AT THAT POINT. HIT WATER APPROX 190'. TROUBLE WITH HOLE ALL THE WAY DOWN - QUIT HOLE AT 400' STILL IN VALLEY FILL - NO CORE WAS POSSIBLE BOH 400'

V-6 COLLARED HOLE 6-25-81 IN POST-MINERAL FILL - LOST CIRC AT 100' (90-100' SANDY ZONE) WENT TO SLUDGE - ENDED HOLE AT 200' - STILL IN VALLEY FILL - NO WATER - NO CORE - VERY POORLY CEMETED GRAVEL BOH 200'

SL-28 COLLARED HOLE 6-26-81 IN POST-MINERAL FILL LOST CIRC AT 40' - WENT TO SLUDGE - GROUND BECOMING MORE CLAY-LIKE WITH FEW ROCK FRAGMENTS MADE SOME WATER AT 130' - INCREASING WITH DEPTH - MORE ROCK FRAGMENTS AT 150' - INCREASING SAND - 190' HIT CLAY-SAND ZONE - MOSTLY SAND - AT 150' MOSTLY SAND w/ ROCK FRAGMENTS - BOH 400'

PEARCE GEOCHEMICAL SAMPLE PROGRAM

Master Sample List and Assays

See Appendix F for Sample Locations

SCANNED Depth 31-Flem.	Sample No.	PPM ~~Cu~~ 31-Elem Hg SCAN	PPM Mo As Geochem	Au OZ/T	Ag OZ/T		Description
✓	PGR-1	.07	140				
✓	2	.05	20				
✓	3	.08	20				
✓	4	.08	<10				
✓	5	.05	20				
✓	6	.06	40				
✓	7	.05	40				
✓	8	.04	40				
✓	9	.05	50				
✓	10	.05	40				
✓	11	.03	20				
✓	12	.06	30				
✓	13	.05	50				
✓	14	.05	30				
✓	15	.07	80				
✓	16	.06	<10				
✓	17	—	—	—	—		
✓	18	.08	<10				
✓	19	.05	10				
✓	20	.05	50				
✓	21	.03	✓ 240				
✓	22	.03	30				
✓	23	.04	30				
✓	24	.05	30				
✓	25	.04	20				
✓	26	.05	20				
✓	27	.06	20				
✓	28	.05	20				
✓	29	.05	<10				

x Awer Analytic lab

SCANNED Depth 31- Elem	Sample No.	PPM ~~Cu~~ Hg		PPM Mo A.	PPM Au	PPM Ag		Description
✓	PGR-30	.06		20	<.02			
✓	31	.05		10				
✓	32	.06		20				
✓	33	.05		10				
✓	34	.08		<10				
✓	35	.05		10				
✓	36	.05		20				
✓	37	.04		10				
✓	38	.11		10				
✓	39	.05		20				
✓	40	.23		20				
✓	41	.08		60				
✓	42	.09		60	.07			
✓	43	.09		<10				
✓	44	.22		20				
✓	45	.22		50				
✓	46	.34		100				
✓	47	.05		70				
✓	48	.08		20				
✓	49	.22		40				
✓	50	.12		20				
✓	51	.06		100				
✓	52	.05		180				
✓	53	.04		60				
✓	54	.13		100				
✓	55	.08		50				
✓	56	.06		30				
✓	57	.03		20				
✓	58	.05		30				

SCANNED Depth 31-Elem	Sample No.	PPM ~~Cu~~ Hg	PPM Mo As	Au	Ag		Description
✓	FGR-59	.03	20				
✓	60	.04	30				
✓	61	.05	✓ 50				
✓	62	.04	✓ 210				
✓	63	.03	✓ 40				
✓	64	.03	30				
✓	65	.05	20				
✓	66	.04	10				
✓	67	.05	✓ 40				
✓	68	.04	<10				
✓	69	.03	✓ 110				
✓	70	.06	30				
✓	71	.06	30				
✓	72	.06	10				
✓	73	.05	20				
✓	74	.05	✓ 40				
✓	75	.18	✓ 70				
✓	76	.06	✓ 40				
✓	77	.02	20				
✓	78	.05	✓ 70				
✓	79	.20	✓ 160				
✓	80	.07	20				
✓	81	.08	30				
✓	82	.03	20				
✓	83	.04	✓ 70				
✓	84	.03	20				
✓	85	.03	✓ 80				
✓	86	.04	✓ 110				
✓	87	.03	10				

x Amer. Anal

Depth	Sample No.	PPM ~~Cu~~ Hg	PPM ~~Mo~~ As	Au	Ag		Description
✓	PGR-88	.05	60				
✓	89	.03	30				
✓	90	.07	20				
✓	91	.03	20				
✓	92	.05	30				
✓	93	.07	70				
✓	94	.06	30				
✓	95	.04	20				
✓	96	.06	20				
✓	97	.06	20				
✓	98	.07	40				
	99	.04	10				
✓	100	.04	20				
✓	101	.06	20				
✓	102	.10	20				
✓	103	.04	20				
✓	104	.04	20				
✓	105	.05	20				
✓	106	.05	80				
✓	107	.03	90				
✓	108	.04	20				
✓	109	.04	<10				
✓	110	.04	20				
✓	111	.04	30				
✓	112	.04	<10				
	113	.04	20				
✓	114	.04	20				
✓	115	.04	10				
✓	116	.04	10				

Depth	Sample No.	PPM ~~Cu~~ Hg	PPM ~~Mo~~ As	(PPB) Au OZ/T	(PPM) Ag OZ/T		Description
	PGR-117	.88	20	(754) .022	(3) .09	Translucent	
	118	.60	30	(343) .010	(2.5) .07		
	119	.30	10	(300) .009	(2.5) .07		
	120	.35	20	(273) .008	(3) .09		
	121	1.40	20	(171) .005	(2.5) .07		

Depth	Sample No.	PPM Cu Hg	PPM ~~Mo~~ Ag	(PPB) Au oz/T	(PPM) Ag oz/T		Description
	PAR - 1	✓ 2.50	30	.001 x	(2.5) .07 x		Township Butte North
	2	✓ 1.20	20	.001 x	.02 x		PAR 1-51; IAF 85A-
	3	✓ .94	✓ 50	.001 x	(2) .05 x		
	4	✓ .52	30	.007 x	(2.5) .06 x		
	5	✓ .68	10	.001 x	(2) .04 x		
	6	✓ .52	10	.001 x	(2) .06 x		
	7	✓ .83	20	.010 x	(4) .11 x		
	8	✓ .88	20	(274) .008 x	(8) .21 x		
	9	✓ .65	10	(34) .001 x	(3) .08 x		
	10	✓ .55	10	(103) .003 x	(2) .05 x		
	11	.45	<10	(69) .00[illegible] x	[illegible] .07 x		
	12	.22	10	.001 x	(2) .05 x		
	13	.13	20	(171) .005 x	(2) .09 x		
	14	.16	30	(206) .006 x	(3.5) .10 x		
	15	.16	✓ 70	(171) .005 x	(3) .09 x		
	16	.15	✓ 40	(69) .002 x	(2) .06 x		
	17	.16	✓ 40	(137) .004 x	.01 x		
	18	.15	20	(274) .008 x	(4) .11 x		
	19						
	20						
	21						
	22						
	23	✓ .23	<10	.002 x	(2) .05 x		
	24	.11	<10	.012 x	(1) .03 x		
	25	.15	<10	(171) .005 x	(1) .04 x		
	26						
	27	✓ .22	<10	(240) .007 x	.02 x		
	28	✓ .25	<10	(343) .010 x	(1) .03 x		
	29	.19	<10	(137) .004 x	.01 x		

x Amer. Analytic

Depth	Sample No.	PPM Cu Hg	PPM Mo As	(PPB) Au Oz/T	(PPM) Ag Oz/T		Description
	PAR-30	.20	<10	(446) .013	(2) .05		
	31	.17	<10	(549) .016	.01		
	32	.18	10	(720) .021	.10		
	33	.27	<10	.001	(1) .03		
	34	.18	<10	(137) .004	(2) .06		
	35	.10	<10	(103) .003	.02		
	36	—					
	37	.13	<10	(206) .006	(1) .03		
	38	.06	<10	(69) .002	.02		
	39	.18	40	.001	.01		
	40	.16	<10	(69) .002	(1) .04		
	41	.17	10	(103) .003	(2.5) .07		
	42	.18	<10	(69) .002	.01		
	43	.21	<10	(240) .007	(2) .06		
	44	.22	10	(103) .003	(1) .04		
	45	—	—		—	—	
	46	.30	<10	(69) .002	.01		
	47	.20	<10	.001	(1) .03		
	48	.22	<10	(206) .006	(2) .06		
	49	.38	20	(343) .010	(3) .08		
	50	.25	90	(514) .015	(2) .06		
	51	.29	20	(823) .024	(2.5) .07		
	52	—	—	—	—		
	53	.18	<10	(4971) .145	(86) 2.52		Township & Tie
	54	.11	90	(171) .005	(4) .12		PAR-53 TO 66
	55	.07	180	(171) .005	<.01		
	56	.06	<10	<.005	(1) .04		
	57	.10	<10	<.005	(2) .06		
	58	.06	<10	<.005	<.01		

Depth	Sample No.	PPM Cu-	PPM Mo	(PPb) Au oz/T	(PPM) Ag oz/T		Description
	PAR-59	.06	40	<.005	(45) 1.32		
	60	.06	<10	<.005	(11) .32		
	61	.04	10	<.005	<.01		
	62	.07	<10	<.005	<.01		
	63	.07	<10	<.005	<.01		
	64	.06	<10	<.005	(23) .68		
	65	.04	<10	<.005	(9) .26		
	66	.06	20	<.005	<.01		
	67	.06	10	<.005	(4) .12		
	68	.07	<10	<.005	(2) .06		
	69	.07	<10	<.005	(4) .12		
	70	.07	<10	<.005	(7) .22		Noonan Canyon - Dragoon Mt Panel & Zac Tiff Beds
	71	.03	50	<.005	(9) .26		
	72	.32	20	<.005	<.01		TOWNSHIP BUTTE NORTH
	73	.19	10	<.005	<.01		
	74	.05	10	<.005	<.01		[illegible]
	75	.06	20	<.005	<.01		
	76	.08	30	<.005	<.01		Blue Creep
	77	.09	20	<.005	<.01		
	78	.11	160	(7) .010	(6) .41		
	79	.07	60	<.005	<.01		San Ignacio (E)
	80	.05	70	<.005	(6) .18		
	81	.08	70	<.005	<.01		
	82	.05	110	<.005	.08		
	83	.05	10	<.005	<.01		San Ignacio (W)
	84	.11	20	(90) .010	(17) .49		
	85	.86	70	(957) .025	(41) 1.50		
85A-	85A	.13	30	<.005	<.01		85A, Township Butte North [illegible]
	86	.09	20	<.005	<.01		to 90
	87	.07	20	<.005	<.01		

Depth	Sample No.	PPM ~~Cu~~ Hg	PPM ~~Mo~~ As	Au oz/T	Ag oz/T		Description
	PAR - 88	.07	20	<.005	<.01		
	89	[illegible]	10	<.005	<.01		
	90	.07	20	<.005	.06		↑
	91	.13	20	<.005	<.01		Ona rn area Rhyolite
	92	.10	30	<.005	<.01		" " "
	93						
	94						
	95						
	96						
	97						
	98						
	99						
	100	.05	<10	<.005	<.01		
	101	.02	20				
	102	.05	10				
	103	.05	20				
	104	.03	<10				
	105	.02	10				
	106	.02	10				
	107	.07	10				
	108	.04	<10				
	109	.02	<10				
	110	.03	<10				
	111	.02	<10				
	112	.03	40				
	113	.03	20				
	114	.01	20				
	115	.03	50				
	PAR 116	<.01	<10	<.005	<.01		

Depth	Sample No.	PPM ~~Cu~~ Hg	PPM Mo As	Au oz/t	(PPM) Ag oz/t		Description
	PAR - 117	<.01	10	<.005	<.01		
	118	.03	10		(2) .06		
	119	<.01	<10		<.01		
	120	.02	10		<.01		
	121	<.01	10		<.01		
	122	.02	<10		(5) .14		
	123	.02	10		(3) .08		
	124	<.01	<10		(3.5) .10		
	125	.02	<10		<.01		
	126	.02	10		.04		
	127	.02	<10		(3.5) .10		
	128	.01	10		<.01		
	129	.02	10		<.01		
	130	.05	20	<.005	<.01		
	131	.03	10		(14) .40		
	132	.04	10		<.01		
	133	.03	20		(12) .34		
	134	.02	20		<.01		
	135	.02	20		<.01		
	136	.03	30		<.01		
	137	.03	60		<.01		
	138	.05	130		<.01		
	139	.03	180		<.01		
	140	.03	290		.06		
	141	<.02	110		<.01		
	142	.03	290		(6) .18		
	143	.02	20		<.01		
	144	.02	20		<.01		
	PAR - 145	.02	30	<.005	<.01		

Depth	Sample No.	Cu PPM	Mo PPM	Au oz/T	Ag oz/T		Description
	PAR-146	.02	10	<.005	.06		
	147	.04	10	<.005	<.01		
	148	.03	10	<.005	<.01		
	149	.04	<10	<.005	<.01		
	150	.03	20	<.005	<.01		
	151	.04	20	<.005	<.01		
	152	.02	10	<.005	<.01		
GT-1		.09	30	<.005	<.01		GOLD TUNNEL SAN IGNACIO
2		.24	40	<.005			
3		.11	50	.170			
4		.08	50	<.005			
5		.09	50	<.005			
GT-6		.07	60	<.005	<.01		
BC-1		.42	20	<.005	<.01		BLACK CAT SAN JOSE
2		.45	50	.005			
3		.25	40	<.005			FQ Rhyolite
4		.43	20				
5		.56	3200				
6		.27	30				
7		.90	20				
8		.24	20	<.005	<.01		

Depth	Sample No.	~~Cu~~ As (PPM)	~~Mo~~ Hg (PPM)	Au PPM	Ag PPM		Description
1	PAR - 153	110	.06	<.02	2.0	Flat dip 15° NE Str. NW	+ local Sil Agg Tf + CO_2 + lim + Mn 2'
2	154	130	.14	.07	5.6		in Bxd FQRP + lim; rare Mn CO_2 + Sil vn 2'
3	155	70	.04	<.02	.4	Shear vn zone N70°E 80SE	, FQRP, + Mn Sil rare CO_3
4	156	230	.04	.09	2.2	sheared FQRP +	Agg Tf + CO_2 + Sil + FeOx
5	157	40	.05	<.02	3.4	Shear EW 80 S	Black calcite 5' [illegible] Sil + CO_2 vn in FQRP [illegible]
6	158	50	.06	<.02	.2		Water well ? Drill cuttings; sil FQRP + [illegible] lim

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE
D.D.H. No. SL-1E SCALE 1"=50' BY A.A.ONA
LOCATION COLLAR EL DATE

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-80 LT YELLOWISH BROWN SEDIMENTS (Kb?) CONSISTS OF: SANDSTONE, SHALY SILTSTONE; ABUNDANT CALCITE VNLTS IN SANDSTONE

50

80-110 DARK GRAY MONOMINERALIC DIKE? CRYSTALS OF AMPHIBOLE?

100

110' T.D.

150

App 5

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS-PEARCE PAGE 1

D.D.H. No. SL-1W SCALE 1" = 50' BY A.A.ONA

LOCATION COLLAR EL DATE

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-30 LT. BROWN & GRAY FRAGMENTS (QAL) FRAGS ARE MAINLY RHYOLITE, HORNBLENDE AND PORPH, BASALT & QTZ VN MAT

30-100 LT BROWN SOIL + QAL

50 — FRAGS MAINLY RHYOLITE & QTZ VN. MAT, OCCAS LIMESTONE

100 — 100-140 LT GRAY AGGLOM TUFF; FERROMAGS ALTERED TO LIM; ARGILLIC ALTERED.

150 — 140' T.D.

% Core Recovery	Mineralizm	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

RDH D.D.H. No. SL-2 SCALE 1"=100' BY A.A.ONA

LOCATION _____ COLLAR EL' _____ DATE 6/12/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-20 LT REDDISH BROWN MIXTURE OF SANDSTONE & RHYOLITE (QAL?)

20-70 BROWNISH GRAY HORNBLENDE ANDESITE PORPH. MOD ARG ALTN

100 — 70-120 LT GRAYISH BROWN, AGGLOM TUFF; ANGULAR Qtz, FELDS, RHYOLITE FRAGMENTS; INT ARG. ALTN

200 — 120' T.D.

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

D.D.H. No. SL-2A SCALE 1" = 50' BY A.A. DNA

LOCATION Pearce COLLAR EL ____ DATE ____

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-20 LT. BROWN QAL; FRAGS ARE RHYOLITE, QUARTZITE & QTZ VN MATERIAL; EPIDOTE IN ONE FRAGMENT

20-80 DARK GRAY TO BROWNISH GRAY HORNBLENDE AND. PORPHYRY

50

80-100 GRAY TUFF PROB. EQUIVALENT TO AGGLOM. TUFF OUTCROPPING AT SIX-MILE HILL

100

100' TD

% Core Recovery	Mineralztn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

RDH ~~D.D.H.~~ No. SL-3 SCALE 1"=100' BY A.A. ONA

LOCATION _____ COLLAR EL _____ DATE 6/12/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-60 LT. BROWNISH RED SOIL; WEATHERED? (OR INT. ARG. ALT'D) RHYOLITE

60-90. LT GRAY FELDSPAR QTZ RHYOLITE PORPH WITH DISTINCT FLOW TEXTURE; WK TO MOD ARG. ALTN.

100

90-110 LT. BROWN TO WHITE TUFF ARGILLACEOUS (INT. ARG ALT'D?) OCCAS BLACK / GRAY (MN?/HEM?) MIN.

200

110-160 LT. REDDISH BROWN SANDY TUFF? INT ARG ALTN (AGGLOM TUFF?)

300

160-210 LT. BROWNISH GRAY SANDY TUFF? INT. ARG. ALTN. (TUFFACEOUS SANDSTONE; 30° DIP)

SPOT CORE 208-210

210' T.D.

% Core Recovery	Mineralztn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

RDH ~~D.D.H.~~ No. SL-4 SCALE 1" = 100' BY A.A. ONA

LOCATION _____ COLLAR EL' _____ DATE 6/12/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-60 LT. BROWN TO VERY LT GRAY MIXTURE OF SANDSTONE & RHYOLITE FRAGS

QAL?

100

60-190 LT BROWN TO YELLOWISH BROWN TUFFACEOUS SANDSTONE

200

190' T.D.

300

400

PROJECT STEPHENS - PEARCE PAGE 1

D.D.H. No. SL-5 SCALE 1"=50' BY A.A.ONA

LOCATION _____ COLLAR EL _____ DATE _____

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type	Depth	Description	CORE ASSAYS INTERVAL FROM	TO	MINERAL Cu	Mo		
					0	0-230 LT BROWN TO LT BROWNISH GRAY CONGLOMERATE (GRAVEL). (Tert. Gila) MIXTURE OF: Tertiary volcs (Rhyolites) Qtz un mat, sandstone, Agglomenatic tuff						
					50							
					100							
					150							
					200							
					250	230' T.D.						

% Core Recovery	Mineralztn	Alteration	Structure	Rock Type

PROJECT STEPHENS-PEARCE PAGE 1

D.D.H. No. SL-6 SCALE 1"=50' BY A.A. ONA

LOCATION _____ COLLAR EL _____ DATE _____

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-90 LT. BROWN
SOIL & ROCK FRAGMENTS (CGL)
RHYOLITE
SANDSTONE
QUARTZ/CALCITE VNS

50

100

120-140 ALL CLAY

150

140-210
FINE FRAGMENTS MAINLY QTZ
LARGER - RHYOLITE + BIO/CHLORITE

200

210' T.D.

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS PEARCE PAGE 1

~~D.D.H.~~ ROT No. SL-10 SCALE 1" = 50' BY A.A. DNA

LOCATION COLLAR EL DATE 8/81

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0 - 130

Gravel, (valley fill); different volc, seds, & igneous lithologies; brownish color (water table possibly at 130'?)

100

130 - 290

Gravel, lithologies predominantly volcanics, less seds, rare igneous; light gray-brown

200

300

TD = 290'

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS PEARCE PROJ PAGE 1

D.D.H. No. SL-11 SCALE 1" = 100 BY

LOCATION COLLAR EL DATE

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 0-60 LT. BROWN TO LT. GRAY GRAVEL; FRAGS ARE QTZ RHY. PORP, FELDS QTZ RHY. PORP, SANDSTONE, SOIL & RARE GRANITE

60-100 LT. BROWN SOIL & GRAVEL; FRAGS ARE LIMESTONE, SANDSTONE, GRANITIC RXS, RHY.

100 100-190 LT PINKISH BROWN GRAVEL W/ GRANITIC FRAGS (ALASKITE) & AND. PORPH IN UPPER SECTION; INCREASE IN S.S. FRAGMENTS TOWARD BOTTOM; ALSO INCREASE OF EPIDOTE BEARING FRAGS TOWARDS BOTTOM

200 190-250 PURPLISH BROWN FELDSPAR QTZ. RHY PORPH W/ OCCAS CALCITE VNLTS; FELDS PHENOS FRESH (START OF BEDROCK ± 180')

300

250-380 REDDISH BROWN FELDSPAR PORPHYRY W/ ABUNDT. LIMONITE; MOD ARGILLIC ALT.; OCCAS HEM/MN OXIDES; OCCAS AGGLOM TUFF FRAGS PRESENT

400

380-400 VERY LT BROWN TUFF W/ CRYSTAL FRAGS OF QTZ, BT, Hb, & FELDS.

400-430 T.D. LT. GRAY RHYOLITE SAME AS CRACKGE ZONE AT ARP IN 6-MILE HILL; SPHERULITIC SILICA W/ CLAY IN VUGS

PROJECT _____ PAGE _____

~~D.D.H.~~ Rot. No. SL-13 SCALE 1" = 50' BY A.A ONA

LOCATION _____ COLLAR EL _____ DATE 8/81

% Core Recovery	Mineralization	Alteration	Structure	Rock Type		CORE ASSAYS INTERVAL FROM	TO	MINERAL Cu	Mo		
					0						
					0-110 BROWN GRAVEL, MAINLY RHYOLITIC COMPOSITION						
					100						
					110-210 GRAY RHYOLITIC TUFF; NOTE FINE GRAIN TEXT, APPEARS AS F.G. EQUIVALENT OF HORNBLENDE ANDESITE PORPHYRY						
					200						
					210-290 LT. BROWNISH GRAY RHYOLITIC TUFF						
					300 TD 290						

% Core Recovery	Mineralzn	Alteration	Structure	Rock Type	PROJECT STEPHENS-PEARCE PAGE 1	CORE ASSAYS INTERVAL FROM	TO	MINERAL Cu	Mo
					ROT ~~D.D.H.~~ No. SL-14 SCALE 1"=50' BY A.A. ONA				
					LOCATION COLLAR EL DATE 8/81				

0

0-130

Gravel, orange-red color, with mod. limonite; almost all volcanic lithology.

100

130-330

Fine grained Hornblende Andesite porphyry (HAP); gray color

200

HAP

(NOTE ASSAYS)

200'-250' 0.015 Au OZ/T ; 0.01 Ag OZ/T

250'-300' 0.010 " Trace Ag

300'-350' 0.010 " "

300

330-350 HAP, purple, argillic altered, fine grained

TD = 350'

400

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type

PROJECT STEPHENS - PEARCE PAGE 1

D.D.H. No. SL-22 SCALE 1" = 50 BY A.A.ONA

LOCATION COLLAR EL DATE

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0

0-80 GRAVEL

FRAGS OF QTZ, QTZTE, GRANITE, & RHYOLITE

50

80 - 190

FRAGS OF MAINLY SANDSTONE &

100 QUARTZITE ; OCCAS CHERT & RHYOLITE

150

200 190' T.D.

PROJECT STEPHENS PEARCE PAGE 1

RDH ~~D.D.H.~~ No. SL 24 SCALE 1" = 100' BY A.A. ONA

LOCATION _____ COLLAR EL' _____ DATE 6/13/81

% Core Recovery	Mineralizn	Alteration	Structure	Rock Type			CORE ASSAYS INTERVAL FROM	TO	MINERAL Cu	Mo		
					0	0-470 LT. BROWN TO GREENISH GRAY TO WHITE MIXTURE OF DIFFERENT LITHOLOGIES						
					100	(QTug) "Valley fill", Gila Cgl; Frags are rhyolite, andesite, Qtz vn mat; sandstone; calcite;						
					200	A few number of fragments contains steel gray to black submetallic (Mn?; Hem?) min; a larger number has chlorite & biotite.						
					300							
					400							
						470' T.D.						

% Core Recovery	Mineralization	Alteration	Structure	Rock Type

PROJECT _____ PAGE _____

D.D.H. No. SL-28 SCALE 1" = 50 BY A.A. ONA

LOCATION PEARCE, AZ COLLAR EL _____ DATE _____

CORE ASSAYS					
INTERVAL		MINERAL			
FROM	TO	Cu	Mo		

0 — 0-60 VERY LIGHT BROWN ALLUV.

MIXTURE OF: (1) SOIL 80%.
(2) VOLCANIC ROCK FRAGS (RHYOLITE), 10% w/ OCCAS MANGANESE; RARE HEM.
(3) SEDIMENTS (SANDSTONE) ±5%
(4) QTZ/CALCITE VN MAT

60-80 WHITE TO VERY LT GRAY MARLY SILTSTONE. w/ DARK GRAY (Mn?) COATINGS; VERY RARE GRANITIC FRAGMENTS. (CALICHE?)

80-240 VERY LT BROWN TO LT. YELLOW ISH BROWN

100

MAINLY CALICHE & SOIL (90%) w/ OCCAS QTZ/CALCITE MATERIAL, AND RARE SANDSTONE & RHYOLITE

200

240-400 LT GRAY TO REDDISH BROWN GRAVEL WITH FF:

1. Rhyolite & Rhyolite porphyry 70%
2. Sediments (mainly sandstone) 15%
3. Qtz/calcite vn material 10%

300

(DEFINETECY NOT BEDROCK)

400

400 T.D.

PROJECT _____ PAGE _____

D.D.H. No. SL-29 SCALE 1"=100' BY A.A.ONA

LOCATION PEARCE, AZ COLLAR EL _____ DATE _____

% Core Recovery	Mineralization	Alteration	Structure	Rock Type		CORE ASSAYS INTERVAL FROM	TO	MINERAL Cu	Mo		
					0						

0 - 400 GRAVEL

0 - 90 CGL + SOIL

RHYOLITE, SANDSTONE, & QUARTZ VN MATERIAL

100

90 - 400 CGL -

RHYOLITE - 40%

Hb. And - 20%

Qtz VN - 10%

+ SCHIST, SILTSTONE, SANDSTONE AND GRANITIC FRAGMENTS.

200

300

ONLY NOTICEABLE ALTERATION:

Hb / BIOTITE → Fe Ox

RARE Mn.

400

400' T.D.

% Core Recovery	Mineralztn	Alteration	Structure	Rock Type	PROJECT STEPHENS-PEARCE PAGE 1 D.D.H. No. SL-30 SCALE 1"=50' BY A.A. ONA LOCATION COLLAR EL DATE	CORE ASSAYS INTERVAL FROM	TO	MINERAL Cu	Mo		
					0 0-110 GRAVEL (CGL = VALLEY FILL) FRAGMENTS QUARTZITE w/ QTZ VNLT; OCCAS EPID. SANDSTONE w/ EPIDOTE GRANITE w/ CHL-EPID (PROP) BASALT 50 100						
					110' T.D						

% Core Recovery	Mineralization	Alteration	Structure	Rock Type	D.D.H. No. V-6 SCALE 1"=50 BY A.H. ONA LOCATION _____ COLLAR EL _____ DATE _____	INTERVAL FROM	INTERVAL TO	MINERAL Cu	MINERAL Mo		
					0 — 0-30 LT BROWNISH SOIL + LIMONITE COATED FRAGS OF SANDSTONE, ANDESITE, AND QTZ VN. MATERIAL						
					30-200 LT BROWN CONGLOMERATE - VALLEY FILL PROBABLY TERTIARY GILA FRAGMENTS:						
					50 — 1. RHYOLITE - 20-30%						
					2 QTZ VN MAT - 20%						
					100 — 3. CALCITE VN. MAT - 10%						
					4. SANDSTONE - 10%						
					5. SERPENTINE - <5%						
					6. EPIDOTE - <5%						
					150 — 7. GRANITE RARE						
					200						
					200' T.D.						

SKYLINE LABS, INC.
P.O. Box 50106 • 1700 West Grant Road
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. UBA 020
October 23, 1981

E. GROVER HEINRICH
1802 W. Grant Rd.
Tucson, Arizona 85705

Analysis of 88 Rock Chip Samples

ITEM	SAMPLE NO.	FIRE ASSAY Au oz/t	Ag oz/t
1	SMS 1	<.005	<.01
2	SMS 2	<.005	<.01
3	SMS 3	<.005	<.01
4	SMS 4	<.005	<.01
5	SMS 5	<.005	<.01
6	SMS 6	<.005	<.01
7	SMS 7	<.005	<.01
8	SMS 8	<.005	<.01
9	SMS 9	<.005	<.01
10	SMS 10	<.005	<.01
11	SMS 11	<.005	<.01
12	SMS 12	<.005	.06
13	SMS 13	<.005	<.01
14	SMS 14	<.005	<.01
15	SMS 15	<.005	<.01
16	SMS 16	<.005	<.01
17	SMS 17	<.005	<.01
18	SMS 18	<.005	<.01
19	SMS 19	<.005	<.01
20	SMS 20	<.005	<.01
21	SMS 21	<.005	<.01
22	SMS 22	<.005	<.01
23	SMS 23	<.005	<.01
24	SMS 24	<.005	<.01
25	SMS 25	<.005	<.01

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JOB NO. UBA 020
October 23, 1981

ITEM	SAMPLE NO.	FIRE ASSAY Au oz/t	Ag oz/t
26	SMS 26	<.005	<.01
27	SMS 27	<.005	<.01
28	SMS 28	<.005	<.01
29	SMS 29	<.005	<.01
30	SMS 30	<.005	<.01
31	SMS 31	<.005	<.01
32	SMS 32	<.005	<.01
33	SMS 33	<.005	<.01
34	SMS 34	<.005	<.01
35	SMS 35	<.005	<.01
36	SMS 36	<.005	<.01
37	SMS 37	<.005	<.01
38	SMS 38	<.005	<.01
39	SMS 39	<.005	<.01
40	SMS 40	<.005	<.01
41	SMS 41	<.005	<.01
42	SMS 42	<.005	<.01
43	SMS 43	<.005	<.01
44	SMS 44	<.005	<.01
45	SMS 45	<.005	<.01
46	SMS 46	<.005	<.01
47	SMS 47	<.005	<.01
48	SMS 48	<.005	<.01
49	SMS 49	<.005	<.01
50	SMS 50	<.005	<.01

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
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JOB NO. UBA 020
October 23, 1981

ITEM	SAMPLE NO.	FIRE ASSAY Au oz/t	Ag oz/t
51	SMS 51	<.005	<.01
52	SMS 52	<.005	<.01
53	SMS 53	<.005	<.01
54	SMS 54	<.005	<.01
55	SMS 55	<.005	<.01
56	SMS 56	<.005	<.01
57	SMS 57	<.005	<.01
58	SMS 58	<.005	<.01
59	SMS 59	<.005	<.01
60	SMS 60	<.005	<.01
61	SMS 61	<.005	<.01
62	SMS 62	<.005	<.01
63	SMS 63	<.005	<.01
64	SMS 64	<.005	<.01
65	SMS 65	<.005	<.01
66	SMS 66	<.005	<.01
67	SMS 67	<.005	<.01
68	SMS 68	<.005	<.01
69	SMS 69	<.005	<.01
70	SMS 70	<.005	<.01
71	SMS 71	<.005	<.01
72	SMS 72	<.005	<.01
73	SMS 73	<.005	.06
74	SMS 74	<.005	<.01
75	SMS 75	<.005	<.01

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JOB NO. UBA 020
October 23, 1981

ITEM	SAMPLE NO.	FIRE ASSAY Au oz/t	Ag oz/t
76	SMS 76	<.005	<.01
77	SMS 77	<.005	<.01
78	SMS 78	<.005	.10
79	SMS 79	<.005	<.01
80	SMS 80	<.005	<.01
81	SMS 81	<.005	.06
82	SMS 81A	<.005	<.01
83	SMS 82	<.005	<.01
84	SMS 83	<.005	<.01
85	SMS 84	<.005	<.01
86	SMS 85	<.005	<.01
87	SMS 86	<.005	<.01
88	SMS 87	<.005	<.01

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JOB NO. UBA 020
October 23, 1981

ITEM	SAMPLE NO.	As ppm	Hg ppm	Au ppm	Ag ppm
1	SMS 1	50.	.10	<.02	.2
2	SMS 2	40.	.07	<.02	<.2
3	SMS 3	30.	.05	<.02	.2
4	SMS 4	30.	.06	<.02	<.2
5	SMS 5	50.	.06	<.02	<.2
6	SMS 6	40.	.07	<.02	<.2
7	SMS 7	20.	.05	<.02	<.2
8	SMS 8	40.	.07	<.02	.2
9	SMS 9	620.	.06	<.02	<.2
10	SMS 10	80.	.06	<.02	<.2
11	SMS 11	60.	.05	<.02	<.2
12	SMS 12	80.	.06	<.02	<.2
13	SMS 13	40.	.05	<.02	<.2
14	SMS 14	20.	.07	<.02	<.2
15	SMS 15	20.	.05	<.02	<.2
16	SMS 16	20.	.07	<.02	.2
17	SMS 17	20.	.08	<.02	<.2
18	SMS 18	30.	.06	<.02	.2
19	SMS 19	100.	.33	<.02	<.2
20	SMS 20	60.	.05	<.02	<.2
21	SMS 21	30.	.05	<.02	<.2
22	SMS 22	20.	.05	<.02	<.2
23	SMS 23	10.	.05	<.02	.2
24	SMS 24	20.	.06	<.02	<.2
25	SMS 25	20.	.03	<.02	<.2

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JOB NO. UBA 020
October 23, 1981

ITEM	SAMPLE NO.	As ppm	Hg ppm	Au ppm	Ag ppm
26	SMS 26	10.	.03	<.02	<.2
27	SMS 27	10.	.05	<.02	<.2
28	SMS 28	10.	.03	<.02	<.2
29	SMS 29	10.	.03	<.02	<.2
30	SMS 30	120.	.03	<.02	.2
31	SMS 31	30.	.05	<.02	<.2
32	SMS 32	20.	.04	<.02	<.2
33	SMS 33	10.	.05	<.02	<.2
34	SMS 34	20.	.06	<.02	<.2
35	SMS 35	10.	.05	<.02	.2
36	SMS 36	10.	.08	<.02	<.2
37	SMS 37	10.	.05	<.02	<.2
38	SMS 38	30.	.06	<.02	<.2
39	SMS 39	10.	.05	<.02	<.2
40	SMS 40	20.	.04	<.02	<.2
41	SMS 41	10.	.07	<.02	<.2
42	SMS 42	30.	.05	<.02	.2
43	SMS 43	20.	.06	<.02	<.2
44	SMS 44	10.	.07	<.02	<.2
45	SMS 45	10.	.04	<.02	.2
46	SMS 46	10.	.04	<.02	<.2
47	SMS 47	10.	.06	<.02	<.2
48	SMS 48	10.	.05	<.02	<.2
49	SMS 49	10.	.09	<.02	<.2
50	SMS 50	20.	.09	<.02	<.2

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JOB NO. UBA 020
October 23, 1981

ITEM	SAMPLE NO.	As ppm	Hg ppm	Au ppm	Ag ppm
51	SMS 51	10.	.06	<.02	.4
52	SMS 52	10.	.05	<.02	.2
53	SMS 53	10.	.04	<.02	.2
54	SMS 54	10.	.05	<.02	.2
55	SMS 55	10.	.07	<.02	<.2
56	SMS 56	10.	.06	<.02	<.2
57	SMS 57	10.	.04	<.02	<.2
58	SMS 58	10.	.06	<.02	<.2
59	SMS 59	10.	.13	<.02	<.2
60	SMS 60	10.	.07	<.02	<.2
61	SMS 61	20.	.05	<.02	.2
62	SMS 62	70.	.04	<.02	<.2
63	SMS 63	40.	.04	<.02	<.2
64	SMS 64	30.	.05	<.02	<.2
65	SMS 65	50.	.06	<.02	<.2
66	SMS 66	40.	.06	<.02	.2
67	SMS 67	80.	.07	<.02	.2
68	SMS 68	30.	.08	<.02	<.2
69	SMS 69	40.	.05	<.02	.2
70	SMS 70	60.	.05	<.02	.2
71	SMS 71	30.	.05	<.02	.2
72	SMS 72	50.	.05	<.02	.2
73	SMS 73	30.	.05	<.02	<.2
74	SMS 74	30.	.04	<.02	.2
75	SMS 75	110.	.04	<.02	<.2

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JOB NO. UBA 020
October 23, 1981

ITEM	SAMPLE NO.	As ppm	Hg ppm	Au ppm	Ag ppm
76	SMS 76	20.	.06	<.02	.2
77	SMS 77	70.	.05	<.02	.4
78	SMS 78	30.	.06	<.02	<.2
79	SMS 79	40.	.05	<.02	<.2
80	SMS 80	30.	.06	<.02	<.2
81	SMS 81	40.	.05	<.02	<.2
82	SMS 81A	20.	.04	<.02	.2
83	SMS 82	20.	.04	<.02	.2
84	SMS 83	30.	.03	<.02	.2
85	SMS 84	20.	.04	<.02	.2
86	SMS 85	30.	.04	<.02	.2
87	SMS 86	30.	.05	<.02	.2
88	SMS 87	20.	.05	<.02	.2

14/123

CONSTITUENT : Hg (PPM)

WEIGHT.....VOLUME.....ALIQ.....WEIGHED BY.....READ BY RR...

		Rg ng	PPM			Rg ng	
1	SMS 1	13.5	.10	26	SMS 26	4.5	.03
2	SMS 2	9.5	.07	27	SMS 27	7	.05
3	SMS 3	7	.05	28	SMS 28	4	.03
4	SMS 4	7.5	.06	29	SMS 29	4.5	.03
5	SMS 5	8.5	.06	30	SMS 30	4.5	.03
6	SMS 6	9	.07	31	SMS 31	6	.05
7	SMS 7	6	.05	32	SMS 32	5.5	.04
8	SMS 8	9	.07	33	SMS 33	7	.05
9	SMS 9	8	.06	34	SMS 34	8.5	.06
10	SMS 10	7.5	.06	35	SMS 35	6	.05
11	SMS 11	6.5	.05	36	SMS 36	10	.08
12	SMS 12	8	.06	37	SMS 37	6	.05
13	SMS 13	7	.05	38	SMS 38	7.5	.06
14	SMS 14	9	.07	39	SMS 39	7	.05
15	SMS 15	6	.05	40	SMS 40	5.5	.04
16	SMS 16	9	.07	41	SMS 41	9.5	.07
17	SMS 17	11	.08	42	SMS 42	7	.05
18	SMS 18	8.5	.06	43	SMS 43	8	.06
19	SMS 19	44.5	.33	44	SMS 44	9	.07
20	SMS 20	7	.05	45	SMS 45	5.5	.04
21	SMS 21	6.5	.05	46	SMS 46	5.5	.04
22	SMS 22	7	.05	47	SMS 47	8	.06
23	SMS 23	7	.05	48	SMS 48	6.5	.05
24	SMS 24	8	.06	49	SMS 49	12.5	.09
25	SMS 25	4	.03	50	SMS 50	11.5	.09

CONSTITUENT : Hg (PPM)

WEIGHT.....VOLUME.....ALIQ.....WEIGHED BY.....READ BY.....

		R_2 .1g				R_2 .1g	
3 51	SMS 51	8	.06	76	SMS 76	8	.06
52	SMS 52	7	.05	5 77	SMS 77	7	.05
53	SMS 53	5.5	.04	78	SMS 78	8	.06
54	SMS 54	7	.05	79	SMS 79	7	.05
55	SMS 55	9.5	.07	80	SMS 80	7.5	.06
56	SMS 56	8	.06	81	SMS 81A	6.5	.05
57	SMS 57	5.5	.04	10 82	SMS 81B	5.5	.04
10 58	SMS 58	8	.06	83	SMS 82	5.5	.04
59	SMS 59	17	.13	84	SMS 83	4	.03
60	SMS 60	9	.07	85	SMS 84	5.5	.04
61	SMS 61	6	.05	86	SMS 85	5	.04
15 62	SMS 62	5.5	.04	15 87	SMS 86	6	.05
15 63	SMS 63	5.5	.04	88	SMS 87	6	.05
64	SMS 64	6	.05				
65	SMS 65	7.5	.06				
66	SMS 66	8.5	.06				
67	SMS 67	9.5	.07				
20 68	SMS 68	10	.08				
69	SMS 69	6.5	.05				
70	SMS 70	6	.05				
71	SMS 71	6	.05				
24 72	SMS 72	7	.05				
73	SMS 73	6.5	.05				
74	SMS 74	5.5	.04				
75	SMS 75	5	.04				

10/12/81 R_2 1cc @ 23.0°C

21.5, 23, 24, 21.5

$$\frac{(16.9)(1)}{(22.5)(100)} = .00751$$

Sn.14

CONSTITUENT : As (PPM)

WEIGHT 100 VOLUME 75 ALIQ ..... WEIGHED BY Beth READ BY [illegible]

81	1	SMS 1	165	50	50	286	26	SMS 26	046	10
	2	SMS 2	158		40		27	SMS 27	039	10
	3	SMS 3	110		30		28	SMS 28	044	10
	4	SMS 4	101		30		29	SMS 29	034	10
	5	SMS 5	187		50	290	30	SMS 30	445	150 120
	6	SMS 6	127		40		31	SMS 31	109	30
	7	SMS 7	070		20		32	SMS 32	060	20
	8	SMS 8	153		40		33	SMS 33	038	10
	9	SMS 9	40 mD 182x8 656 reclem		620		34	SMS 34	076	20
90	10	SMS 10	275	70	80		35	SMS 35	038	10
	11	SMS 11	213		60		36	SMS 36	044	10
	12	SMS 12	280	80	80		37	SMS 37	043	10
	13	SMS 13	151		40		38	SMS 38	096	30
	14	SMS 14	079		20		39	SMS 39	041	10
	15	SMS 15	083		20	300	40	SMS 40	067	30 20
	16	SMS 16	066		20	161	41	SMS 41	053	10
	17	SMS 17	060		20		42	SMS 42	128	30
	18	SMS 18	105		30		43	SMS 43	072	20
	19	SMS 19	348		100		44	SMS 44	034	10
100	20	SMS 20	219	60	60		45	SMS 45	048	10
281	21	SMS 21	106		30		46	SMS 46	053	10
	22	SMS 22	089		20		47	SMS 47	035	10
	23	SMS 23	043		10		48	SMS 48	053	10
	24	SMS 24	072		20		49	SMS 49	049	10
285	25	SMS 25	077		20	170	50	SMS 50	060	20 20

1-60 = .469 ; .450 f = 0036

CONSTITUENT : As (PPM)

WEIGHT.....VOLUME.....ALIQ.....WEIGHED BY.....READ BY. [illegible] RL

111	51	SMS 51	.053	10
	52	SMS 52	.046	10
	53	SMS 53	.050	10
	54	SMS 54	.049	10
	55	SMS 55	.031	10
	56	SMS 56	.046	10
	57	SMS 57	.055	10
	58	SMS 58	.038	10
	59	SMS 59	.050	10
180	60	SMS 60	.046 (10)	10
241	61	SMS 61	.083	20
	62	SMS 62	.225	70
	63	SMS 63	.131	40
	64	SMS 64	.100	30
	65	SMS 65	.159	50
	66	SMS 66	.144	40
	67	SMS 67	.274	80
	68	SMS 68	.099	30
	69	SMS 69	.136	40
250	70	SMS 70	.189 (50)	60
	71	SMS 71	.101	30
	72	SMS 72	.173	50
	73	SMS 73	.101	30
	74	SMS 74	.096	30
255	75	SMS 75	.357	110
256	76	SMS 76	.067	20
	77	SMS 77	.246	70
	78	SMS 78	.105	30
	79	SMS 79	.132	40
260	80	SMS 80	.113	30
341	81	SMS 81A	.144	40
	82	SMS 81B	.072	20
	83	SMS 82	.062	20
	84	SMS 83	.095	30
	85	SMS 84	.079	20
	86	SMS 85	.110	30
	87	SMS 86	.096	30
348	88	SMS 87	.054 (20)	20

ck 1	.152
10	.222
20	.201
30	.491
40	.094
50	.067
60	.049
70	.149
88	.063

358 std USGS-4 .335 100

61-88 } .300-.412 f=.0033
CK1-88
std

PAGE 1 Sh. 14 pg. 123 UBA 020

CONSTITUENT : Ag ~~(ppm)~~ ppm

WEIGHT 2.00 VOLUME 4 ALIQ ..... WEIGHED BY RL READ BY BL

R-23 SKy IV=1.00

1	SMS 1	.01 (L)	.2	26	SMS 26	L	<.2
2	SMS 2	L	<.2	27	SMS 27	L	
3	SMS 3	.01	.2	28	SMS 28	L	
4	SMS 4	L	<.2	29	SMS 29	L	
5	SMS 5	L		30	SMS 30	.01 (L)	.2
6	SMS 6	L		31	SMS 31	L	<.2
7	SMS 7	L		32	SMS 32	L	
8	SMS 8	.01	.2	33	SMS 33	L	
9	SMS 9	L	<.2	34	SMS 34	L	
10	SMS 10	L (.01)	<.2	35	SMS 35	.01	.2
11	SMS 11	L		36	SMS 36	L	<.2
12	SMS 12	L		37	SMS 37	L	
13	SMS 13	L		38	SMS 38	L	
14	SMS 14	L		39	SMS 39	L	
15	SMS 15	L		40	SMS 40	L (L)	
16	SMS 16	.01	.2	41	SMS 41	L	
17	SMS 17	L	<.2	42	SMS 42	.01	.2
18	SMS 18	.01	.2	43	SMS 43	L	<.2
19	SMS 19	L	<.2	44	SMS 44	L	<.2
20	SMS 20	L (L)		45	SMS 45	.01	.2
21	SMS 21	L		46	SMS 46	L	<.2
22	SMS 22	L		47	SMS 47	L	
23	SMS 23	.01	.2	48	SMS 48	L	
24	SMS 24	L	<.2	49	SMS 49	L	
25	SMS 25	L	<.2	50	SMS 50	L (L)	

CONSTITUENT : Ag(oz/t)

WEIGHT.....VOLUME.....ALIQ.....WEIGHED BY. RL READ BY BA

R-H

1Y=1.00

1	51	SMS 51	.02	.4	26 76	SMS 76	.01	.2
	52	SMS 52	.01	.2	77	SMS 77	.02	.4
	53	SMS 53	.01	.2	78	SMS 78	<	<.2
	54	SMS 54	.01	.2	79	SMS 79	<	
5	55	SMS 55	<	<.2	30 80	SMS 80	<	
	56	SMS 56	<		81	SMS 81	<	
	57	SMS 57	<		82	SMS 81A	.01	.2
	58	SMS 58	<		83	SMS 82	.01	.2
	59	SMS 59	<		84	SMS 83	.01	.2
10	60	SMS 60	< .01		35 85	SMS 84	.01	.2
	61	SMS 61	.01	.2	86	SMS 85	.01	.2
	62	SMS 62	<	<.2	87	SMS 86	.01	.2
	63	SMS 63	<		38 88	SMS 87	.01 .01	.2
	64	SMS 64	<		39	Ck1	<	
15	65	SMS 65	<		40	10	.01	
	66	SMS 66	.01	.2	41	20	<	
	67	SMS 67	.01	.2	42	30	<	
	68	SMS 68	<	<.2	43	40	<	
	69	SMS 69	.01	.2	44	50	<	
20	70	SMS 70	.01 <	.2	45	60	.01	
	71	SMS 71	.01	.2	46	70	<	
	72	SMS 72	.01	.2	47	88	.01	
	73	SMS 73	<	<.2	48	Std23	1.79	—
	74	SMS 74	.01	.2	49	Std33F	.01	—
25	75	SMS 75	<	<.2	50	Blank	<	—

E. Grover Heinrichs

TUCSON
SKYLINE LABS, INC. - FIRE ASSAY

Sample Weight 1/2AT by MO

Assayer

Au Ag Pt Pd

Single 14/123 Pg 123

Job No. UBA 020
Page 1 of 3 Pages
Date 10-2-81

Item No.	Sample No.	Fire Assay Au oz/T	Fire Assay Ag oz/T	Type of Material	Type of Flux	PBO Gms	NTR Gms	SA Gms	Cover	wt of Pb Bttn.	Inquart 1000 1.90	wt of Au+Ag mg	wt of Au mg	wt of Ag mg
21 1	SMS 1	<.005	<.01								TD	1.84	<	
22 2	2											1.84	<	
23 3	3										3	1.88	<	
24 4	4											1.87	<	
1 5	5										5	1.85	<	
2 6	6											1.88	<	
3 7	7										7	1.86	<	
4 8	8											1.84	<	
5 9	9										9	1.85	<	
6 10	10											1.84	<	
7 11	11										11	1.85	<	
8 12	12		0.06								12	~~2.07~~	~~.015~~	1.93 -.001
9 13	13	<	<.01								13	1.86	<	
10 14	14											1.88	<	
11 15	15										15	1.88	<	
12 16	16											1.85	<	
13 17	17										17	1.87	<	
14 18	18											1.86	.002	
15 19	19										19	1.86	.001	
16 20	20	<005	<01									1.84	.001	

SKL-6

E. Grover Heinrichs

TUCSON
SKYLINE LABS, INC. - FIRE ASSAY

123

Sample Weight ½AT by GLH

Assayer

Au Ag Pt Pd

Single

Job No. 4BA020
Page 2 of 5 Pages
Date 10-2-81

Item No.	Sample No.	Fire Assay Au oz/T	Fire Assay Ag oz/T	Type of Material	Type of Flux	PBO Gms	NTR Gms	SA Gms	Cover BC	wt of Pb Bttn.	Inquart 1000	wt of Au+Ag mg	wt of Au mg	wt of Ag mg
17 21	SMS 21	<.005	<.01		R						21	1.85	.001	
18 2	22											1.89	<	
19 3	23										23	1.85	<	
20 4	24										ED	1.87	<	
21 5	25										TA 1	1.89	.001	
22 6	26											1.89	<	
23 7	27										3	1.83	<	
24/ 8	28											1.90	.001	
T3 1 9	29										5	1.90	.001	
2 3 10	30											1.86	<	
3 11	31										7	1.90	<	
4 12	32											1.87	<	
5 13	33										9	1.88	<	
6 14	34											1.89	<	
7 15	35										11	1.86	.001	
8 16	36											1.90	<	
9 17	37										13	1.90	<	
10 18	38											1.87	<	
11 19	39										15	1.84	<	
12 20	40	<.005	<.01								16	1.86	<	

SKL-6

E. Grover Heinrich

TUCSON
SKYLINE LABS, INC. - FIRE ASSAY

Sample Weight ½AT by GLH

Assayer [illegible]

Au Ag Pt Pd

Job No. UBA020
Page 3 of 5 Pages
Date 10-2-81

Item No.	Sample No.	Fire Assay Au oz/T	Fire Assay Ag oz/T	Type of Material	Type of Flux	PBO Gms	NTR Gms	SA Gms	Cover	wt of Pb Bttn.	Inquart	wt of Au+Ag mg	wt of Au mg	wt of Ag mg
13 4/1	SMS 41	<005	<01								TA 17	1.90	<	
14 2	42											1.80	<	
15 3	43										19	1.83	<	
16 4	44											1.84	.002	
17 5	45										21	1.89	<	
18 6	46											1.88	<	
19 7	47										23	1.85	<	
20 8	48										EA 24	1.85	<	
21 9	49										TB 1	1.90	<	
22 5/10	50											1.82	<	
23 11	51										3	1.87	.002	
24/12	52											1.83	.001	
T2 1 13	53										5	1.84	<	
2 14	54											1.85	.002	
3 15	55										7	1.89	.001	
4 16	56											1.89	<	
5 17	57										9	1.90	<	
6 18	58											1.90	<	
7 19	59										11	1.87	<	
8 6/20	60	<005	<01								12	1.90	.002	

SKL-6

E. Grover Hemrichs

TUCSON
SKYLINE LABS, INC. - FIRE ASSAY

Re/23
To: Single

Sample Weight ½ AT by GLH

Assayer J.

Au Ag Pt Pd

Job No. GBA 020
Page 4 of 5 Pages
Date 10-2-81

Item No.	Sample No.	Fire Assay Au oz/t	Fire Assay Ag oz/t	Type of Material	Type of Flux	PBO Gms	NTR Gms	SA Gms	Cover	wt of Pb Bttn.	Inquart	wt of Au+Ag mg	wt of Au mg	wt of Ag mg
91 61	SMS 61	<005	<.01								TB 13	1.90	<	
10 2	62											1.89	.001	
11 3	63										15	1.82	<	
12 4	64											1.86	<	
13 5	65										17	1.87	<	
14 6	66											1.84	<	
15 7	67										19	1.86	<	
16 8	68											1.89	.001	
17 9	69										21	1.82	.002	
18 10	70											1.90	.001	
19 11	71										23	1.86	.001	
20 12	72		<01								EB 24	1.89	<	
21 13	73		0.06								TC 1	1.93	<	
22 14	74		<01									1.86	.001	
23 15	75										3	1.82	<	
24 16	76											1.83	<	
25 17	77		<01								5	1.90	<	
26 18	78		0.10									1.95	<	
27 19	79		<01								7	1.89	<	
28 20	80	<005	<01								8	1.87	<	

SKL-6

E. Grover Hemrich

TUCSON
SKYLINE LABS, INC. - FIRE ASSAY 2123

Sample Weight ½AT by GLH

Assayer [signature]

Au Ag Pt Pd

Single

Job No. UBA 020
Page 5 of 5 Pages
Date 10-2-81

Item No.	Sample No.	Fire Assay Au oz/T	Fire Assay Ag oz/T	Type of Material	Type of Flux	PBO Gms	NTR Gms	SA Gms	Cover	wt of Pb Bttn.	Inquart	wt of Au+Ag mg	wt of Au mg	wt of Ag mg
29 81	SMS 81 A	<005	0.06								Tc 9	1.93	.001	
2 30 2	81 B		<01									1.86	<	
3 3	82										11	1.88	.001	
4 4	83											1.89	<	
5 5	84										13	1.89	<	
6 6	85											1.87	<	
7 8 7	86										15	1.86	<	
8 8	87	<005	<01									1.89	.001	
9	1										17	1.89	.001	
10	16											1.88	<	
11	40										19	1.86	<	
12	64											1.86	<	
13	88										21	1.90	<	
14									TEA 724	24	22	1.99		
15										25	23	2.01		
16									Tin 015	1	24	1.90		
17														
18														
19														
20														

SKL-6

PROPERTY Pearce - State Lease Assay

SHEET NO. 1

MINERALIZATI

Complete Log of Assays on State Leases

Depth From	Depth To	Sample No.	Sample Length	% oz/T Au Assay	% oz/T Ag Est.	Feet %	% Assay	% Est.	Feet %
SL-24	0-50'	09101		.002	2.72				
"	50-100'	02		.001	0.04				
"	100-150'	03		.001	0.02				
"	150-200'	04		.001	0.09				
"	200-250'	05		.001	0.07				
"	250'-300'	06		.001	0.07				
"	300-350'	07		.001	0.04				
"	350-400'	08		.001	0.05				
"	400-470'	09		.001	0.06				
SL-3	0-50'	10		.001	0.02				
"	50-100'	11		.002	0.05				
"	100-150'	12		.050	0.02				
"	150-210'	13		.001	.06				
SL-2	0-50'	14		.010	.05				
"	50-100'	15		.001	.01				
"	100-120	16		.010	.06				
SL-4	0-50	17		.001	.05				
"	50-100	18		.001	.05				
"	100-150	19		.001	.04				
"	150-190	20		.001	.06				
SL-5	0-50	21		.001	.07				
"	50-100	22		.001	.06				
"	100-150	23		.002	.39				
"	150-200	24		.001	.04				
"	200-230'	25		.001	.08				
SL-1 W	0-50	26		.001	.09				
"	50-100	27		.001	TR				
"	100-130	28		.001	.04				
SL-6	0-50	29		.001	0.05				
"	50-100	30		.001	.07				
"	100-150	31		.003	.41				
"	150-210	32		.001	.10				

PROPERTY · Dearce state Lease

SHEET NO. 2

MINERALIZATI

Depth From	Depth To	Sample No.	Sample Length	% OZ/T Au Assay	% OZ/T Ag Est.	Feet %	% Assay	% Est.	Feet %
SL-1E	0-50	09133		.001	.02				
"	50-110	34		.016	2.19				
SL-22	0-50	35		.001	0.12				
"	50-100	36		.001	0.05				
"	100-150	37		.001	0.06				
"	150-190	38		.001	0.05				
SL-30	0-50	39		.001	0.03				
	50-110	40		.001	0.04				
SL-24	0-50	41		.001	T				
	50-100	42		.004	T				
SL-29	0-50	43		.001	0.05				
	50-100	44		.002	0.09				
	100-150	45		.001	0.03				
	150-200	46		.001	0.05				
	200-250	47		.002	0.06				
	250-300	48		.001	0.09				
	300-350	49		.002	0.08				
	350-400	50		.002	0.03				
SL-28									
	0-50	3455		.001	T				
	50-100	3456		.010	T				
	100-150	3457		.011	T				
	150-200	3458		.008	T				
	200-250	3459		.010	T				
	250-300	3460		.004	.06				
	300-350	3461		.006	.08				
	350-400	3462		.004	.04				

#535

PROPERTY PEARCE STATE LEASE

SHEET NO. 3

MINERALIZATI

V-6, SL-3, SL-5, SL-24

Depth From	Depth To	Sample No.	Sample Length	% Oz/T Au Assay	% Oz/T Ag Est.	Feet %	% Assay	% Est.	Feet %
V-6									
0'	50'	3451		.001	.04				
50'	100'	3452		.001	Tr				
100	150'	3453		.001	.02				
150	200	3454		.001	.02				
SL-3									
50	60	1561		.001	.05				
60	70	62		.001	.04				
70	80	63		.001	.06				
80	90	64		.001	.06				
90	100	65		.002	.07				
100	110	66		.001	.05				
110	120	67		.001	.03				
120	130	65		.001	.02				
130	140	69		.005	.03				
140	150	1570		.002	.05				
SL-5									
100	110	1571		.006	.04				
110	120	72		.001	.05				
120	130	73		.001	.12				
130	140	74		.002	.14				
140	150	1575		.001	.04				
SL 24									
0	10	1576		.002	.05				
10	20	77		.001	.19				
20	30	78		.006	.15				
30	40	79		.004	.14				
40	50	1580		.001	.06				

ASSAY

2ND ASSAY

2ND ASSAY

CUTTINGS FROM ORIGINAL BAGS

PROPERTY PLANCE - STATE LINE

SHEET NO. 4

MINERALIZAT

Depth From	Depth To	Sample No.	Sample Length	% Assay (AU)	% Est. (AG)	Feet %	% Assay	% Est.	Feet %
SL-15	0-50	3421		.001	.04				
"	50-100	22		.002	.05				
"	100-150	23		.002	.06				
"	150-200	24		.002	.08				
"	200-260	25		.001	.03				
"									
SL-13	0-50	3426		.001	.04				
"	50-100	27		.002	.06				
"	100-150	28		.001	.03				
"	150-200	29		.001	.05				
"	200-250	30		.001	.02				
"	250-290	31		.002	.02				
SL-10	0-50	3432		.002	.03				
"	50-100	33		.001	.05				
"	100-150	34		.002	.02				
"	150-200	35		.001	.07				
"	200-250	36		.003	.07				
"	250-290	37		.002	.06				
SL-24-1	0-40	3438		.001	.06				
"	40-75	39		.005	.17				
SL 24-2	0-40	3440		.002	.05				
	40-75	41		.003	.08				
SL 24-3	0-40	3442		.002	.05				
	40-75	43		.002	.06				

ASSAYS

PROPERTY · PEARCE - STATE LEASE

SHEET NO. 5

MINERALIZAT

Depth From	Depth To	Sample No.	Sample Length	% Au Assay	% Ag Est.	Feet %	% Assay	% Est.	Feet %
SL-11	0-50	3405		.004	.03				
	50-100	06		.006	.04				
	100-150	07		.010	.05				
	150-200	08		.005	Tr				
	200-250	09		.003	Tr				
	250-300	10		.001	.04				
	300-350	11		.002	.09				
	350-400	12		.001	Tr				
	400-430	13		.002	.03				
SL-14	0-50	3414		.001	.02				
	50-100	15		.003	.05				
	100-150	16		.004	.03				
	150-200	17		.004	.04				
	200-250	18		.015	Tr				
	250-300	19		.010	Tr				
	300-350	20		.010	Tr				

PROPERTY [illegible] - STATE LEASE

SHEET NO. 6 (CHECK ASSAYS)

MINERALIZATI

Depth From	Depth To	Sample No.	Sample Length	% OZ/T Au Assay (ORIGINAL BAGS)	% OZ/T Ag Est. (ORIGINAL BAGS)	Feet %	% OZ/T Au Assay (COMPOSITES)	% OZ/T Ag Est. (COMPOSITES)	Feet %
SL 1-5	50-60	3399		.001	0.06				
"	60-70	3400		.001	.05				
"	70-80	3401		.002	.08		0.016	2.19	
"	80-90	3402		.002	.08				
"	90-100	3403		.001	Tr				
"	110-110	3404		.001	.02				
							ORIGINAL ASSAYS		
SL-24	0-50	1601		.001	Tr		.002	2.72	
	[illegible]	1602		.001	Tr		.002	.05	
	[illegible]	1603		.001	Tr		.001	.19	
	[illegible]	1604		.001	Tr		.006	.15	
	[illegible]	1605		Tr	Tr		.004	.14	
	[illegible]	1606		.001	Tr		.001	.06	
SL-[illegible]	[illegible]	1607		.001	Tr		.05	.02	
SL-[illegible]	50-100	1608		.001	.03		.016	2.19	
SL-24	0-50	09101		.005	.01				
	150-200	09104		.005	.01				
SL-3	100-150	09112		.005	.01				
	150-200	09113		.005	.01				
SL-2	0-50	09114		.005	.01				
	150-120	09116		.005	.01				
SL-4	50-100	09118		.005	.01				
SL-5	150-200 100-150	09124		.005	.01				
SL 1-W	100-130	09128		.005	.01				
SL-6	100-150	09131		.005	.01				
	150-210	09132		.005	.01				

PROPERTY PEARCE STATE LEASE

SHEET NO. 7 (CHECK ASSAYS)

MINERALIZAT

Depth From	Depth To	Sample No.	Length	% OZ/T AU ~~Assay~~	AG ~~Est.~~	Feet %	% Assay	Est.	Feet %
SL 1-E	50-110	09133		.005	.01				
SL-22	0-50	09135		.005	.01				
	100-150	09137		.005	.01				
SL-30	0-50	09139		.005	.01				
	50-110	09140		.005	.01				
SL-2A	50-100	09142		.005	.01				
SL-29	50-100	09144		.005	.01				
	300-350	09149		.005	.01				
SL-28	50-100	3456		.005	.01				
	100-150	3457		.005	.01				
V-6	0-50	3451		.005	.01				
SL-15	150-200	3424		.005	.01				
SL-13	50-100	3427		.005	.01				
SL-10	150-200	3435		.005	.01				
	200-250	3436		.005	.01				
SL 24-1	0-40	3438		.005	.01				
SL 24-2	40-75	3441		.005	.01				
SL 24-3	40-75	3443		.005	.01				
SL-11	100-150	3407		.005	.01				
	300-350	3411		.005	.01				

PROPERTY · PEARCE · STATE LEASE
SHEET NO. 8 (CHECK ASSAYS)

MINERALIZAT

Depth From	Depth To	Sample No.	Sample Length	% OZ/T AU Assay	% OZ/T AG Est.	Feet %	% Assay	% Est.	Feet %
SL-14	0-50	3414		.005	.01				
"	200-250	3418		.015	.01				
SL-24		09101		.005	.10				
		09104		.005	.10				
		1577		.005	.10				
		1578		.005	.10				
		1579		.005	.10				
SL-3		09112		.005	.10				
		1565		.005	.10				
SL-2		09114		.005	.10				
		09116		.005	.10				
SL-4		09119		.005	.10				
SL-5		09123		.005	.10				
		1573		.005	.10				
		1574		.005	.10				
SL-1W		09126		.005	.10				
SL-6		09131		.005	.10				
SL 1E		09134		.005	.10				
		3401		.005	.10				
SL-22		09135		.005	.10				
SL-30		09140		.005	.10				
SL 2A		09141		.005	.10				
SL-29		09144		.005	.10				
SL-29		09148		.005					

PROPERTY

SHEET NO. 9

MINERALIZAT

Depth From	Depth To	Sample No.	Sample Length	% AU TON Assay	AG Est.	Feet %	% Assay	% Est.	Feet %
SL-11		3407		.005	.10				
		3411		.005	.10				
SL-15		3424		.005	.10				
SL-13		3427		.005	.10				
SL-10		3433		.005	.10				
		3436		.005	.10				
SL-24-1		3439		.005	.10				
SL-24-2		3441		.005	.10				
SL-24-3		3443		.005	.10				
V-6		3451		.005	.10				
SL-28		3456		.005	.10				
		3457		.005	.10				

SMS SERIES
GEO-CHEM

ORDER FOR ANALYTICAL SERVICES

10-2-81

Samples Sent to:

SKYLINE LABS, INC.
P.O. BOX 50106 • 1700 WEST GRANT ROAD
TUCSON, ARIZONA 85703
(602) 622-4836

Address Report To:
E GROVER HEINRICHS
1802 W. GRANT RD
TUCSON, AZ 85705

(Report and invoice in duplicate will be sent to above address unless otherwise instructed)

PROJECT NO.:
SHIPMENT NO.:
DATE SHIPPED:
SHIPPED VIA:
NO. OF CARTONS:
NO. OF SAMPLES:
(Information above helps us trace lost shipments)

Send Invoice To:

Send Copy of Report To:

PAYMENT FOR SERVICES REQUESTED MUST ACCOMPANY ORDER UNLESS CREDIT ARRANGED

LIST SAMPLE NOS.	DESCRIBE MATERIAL	LIST ELEMENTS TO BE DETERMINED (Give anticipated range of values, if possible) Describe any special sample preparation procedures desired.	INDICATE METHOD OF ANALYSIS*	✓ IF 31 – ELEMENT EMISSION SPEC SCAN DESIRED
SMS 1	ROCK CHIPS	AU, AG	F	
THRU 87		AS HG	G	

(Use Continuation Sheet If Necessary)

INSTRUCTIONS

*METHOD OF ANALYSIS: G-Geochem, Q-Quantitative (Routine Assay)
F-Fire Assay

†SAMPLE STORAGE: Pulps stored 90 days pending instructions, bulk rejects stored 30 days pending instructions.

Enclose yellow original with samples, send white copy by mail, retain pink copy. White copy will be returned to shipper as an acknowledgement that shipment has been received.

INDICATE DESIRED DISPOSITION OF SAMPLES AFTER ANALYSIS	Bulk Rejects	Pulp
Return at customer's expense via:		
Store temporarily pending instructions†	✓	✓
Discard immediately		

SMS 1 THRU 87
(SIX MILE SOUTH)

Drill Hole No. GEO-CHEM PROGRAM **Property** PEARCE

Type Hole **Location**

Size Hole **Co-ord**

Date Started 9-81 **Date Completed** 10-81

LOCATION ~~Depth~~	Sample No.	PPM ~~Cu~~ AS	PPM ~~Mo~~ HG	Au F	Ag F		Description
L 11-28E	SMS 1	50	.10	<.005	<.01		
" -29E	2	40	.07				
" -30E	3	30	.05				
" -31E	4	30	.06				
" -32E	5	50	.06				
L 10-27E	6	40	.07				
" -28E	7	20	.05				
" -29E	8	40	.07				
" -30E	9	620	.06				
" -31E	10	80	.06				
L9-22E	11	60	.05				
" -22E +50	12	80	.06		.06		
" -23E	13	40	.05		<.01		
" -24E	14	20	.07				
" -25E	15	20	.05				
" -26E	16	20	.07				
" -27E	17	20	.08				
L8-16E	18	30	.06				
" -17E	19	100	.33				
" -18E	20	60	.05				
" -19E	21	30	.05				
" -20E	22	20	.05				
" -21E	23	10	.05				
" -22E	24	20	.06				
" -23E	25	20	.03				
" -24E	26	10	.03				
" -26E	27	10	.05				
L7-12E	28	10	.03				
" -13E	29	10	.03				

SMS 1 THRU 87

Drill Hole No. GEO-CHEM PROGRAM Property PEARCE

Type Hole Location

Size Hole Co-ord

Date Started Date Completed

LOCATION ~~Depth~~	Sample No.	Cu AS	Mo HG	Au	Ag		Description
L7 - 14E	SMS 30	120	.03	<.05	<.01		
" - 15E	31	30	.05				
" - 19E	32	20	.04				
" - 22E	33	10	.05				
" - 23E	34	20	.06				
" - 24E	35	10	.05				
" - 25E	36	10	.08				
" - 26E	37	10	.05				
L6 - 2E	38	30	.06				
" - 3E	39	10	.05				
" - 4E	40	20	.04				
" - 5E	41	10	.07				
" - 6E	42	30	.05				
" - 7E	43	20	.06				
" - 8E	44	10	.07				
" - 9E	45	10	.04				
" - 10E	46	10	.04				
" - 11E	47	10	.06				
" - 12E	48	10	.05				
" - 13E	49	10	.09				
" - 14E	50	20	.09				
" - 15E	51	10	.06				
" - 17E	52	10	.05				
" - 18E	53	10	.04				
" - 19E	54	10	.05				
" - 20E	55	10	.07				
" - 21E	56	10	.06				
L5 - 12E	57	10	.04				
" - 13E	58	10	.06				

SMS 1 THRU 87

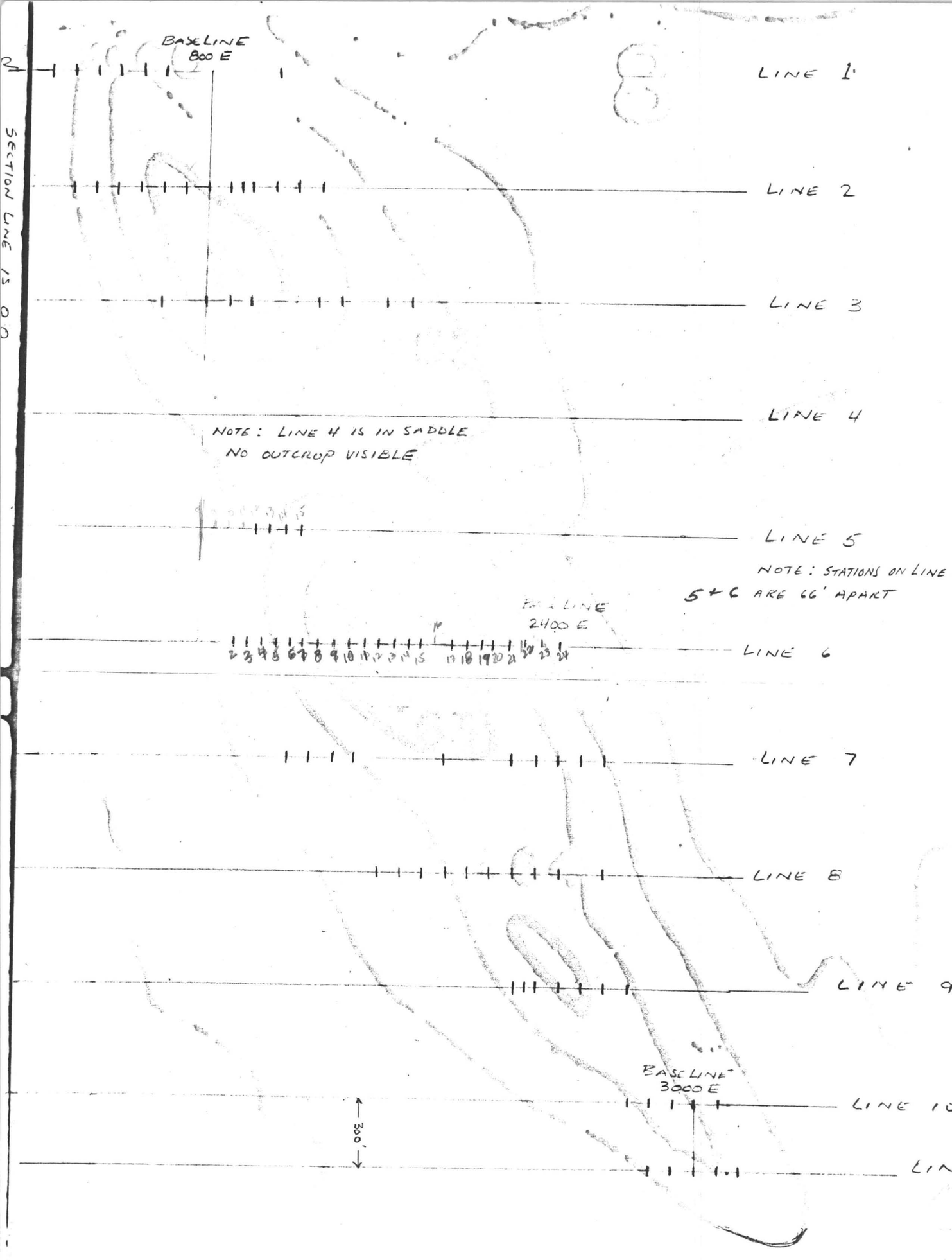
Drill Hole No. GEO-CHEM PROGRAM Property PEARCE

Type Hole Location

Size Hole Co-ord

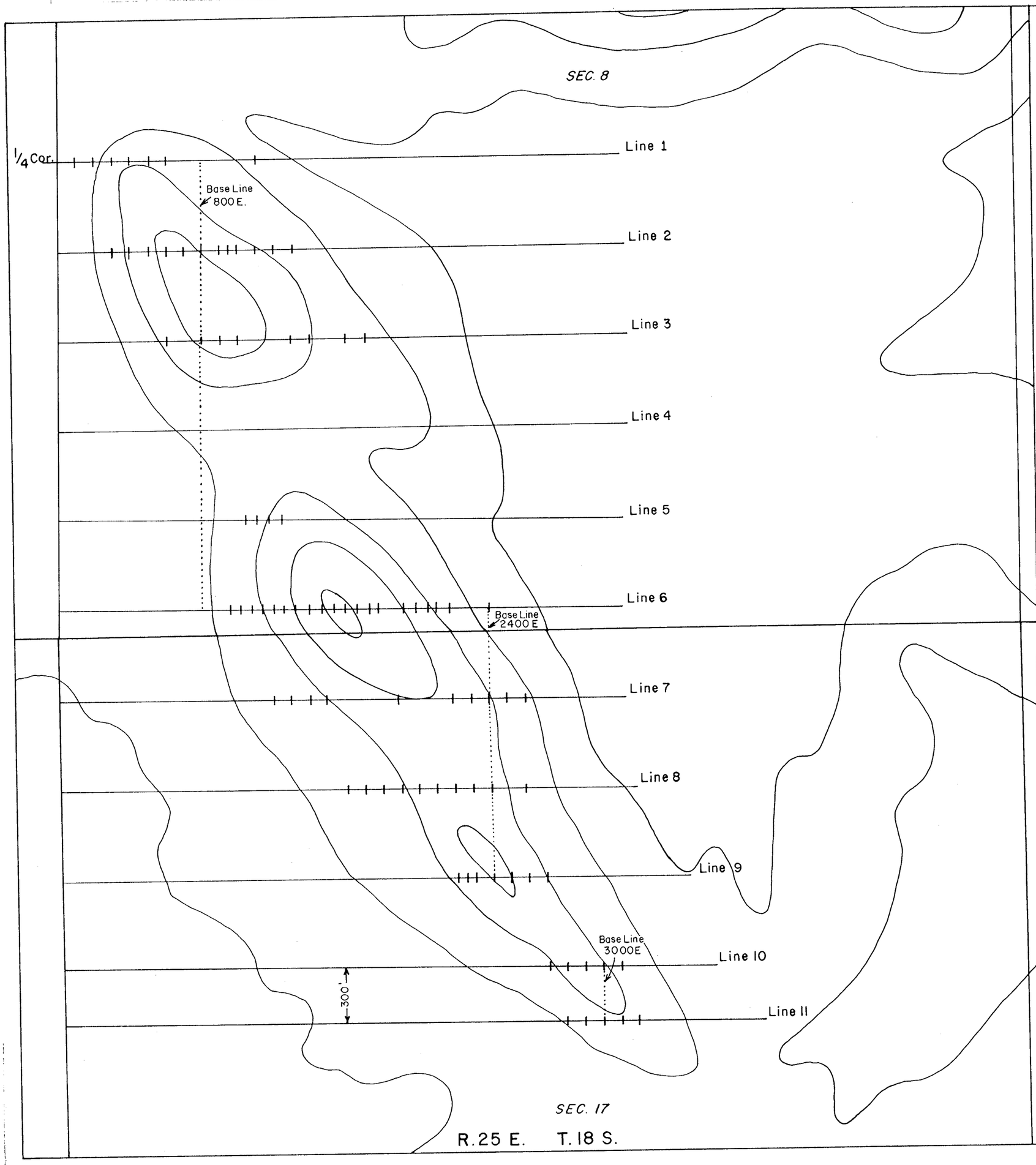
Date Started Date Completed

LOCATION ~~Depth~~	Sample No.	~~Cu~~ AS	~~Mo~~ HG	Au	Ag		Description
L5 - 14E	SMS 59	10	.13	<.005	<.01		
" - 15E	60	10	.07				
L3 - 6E	61	20	.05				
" - 8E	62	70	.04				
" - 9E	63	40	.04				
" - 10E	64	30	.05				
" - 13E	65	50	.06				
" - 14E	66	40	.06				
" - 16E	67	80	.07				
" - 17E	68	30	.08				
L2 - 2E	69	40	.05				
" - 3E	70	60	.05				
" - 4E	71	30	.05				
" - 5E	72	50	.05				
" - 6E	73	30	.05		.06		
" - 7E	74	30	.04		<.01		
" - 8E	75	110	.04				
" - 9E	76	20	.06				
" - 9E +50	77	70	.05				
" - 10E	78	30	.06		.10		
" - 11E	79	40	.05		<.01		
" - 12E	80	30	.06				
" - 13E	81-A	20	.04				
L1 - 1E	81-B	40	.05		.06		
" - 2E	82	20	.04		<.01		
" - 3E	83	30	.03				
" - 4E	84	20	.04				
" - 5E	85	30	.04				
" - 6E	86	30	.05				
" - 11E	87	20	.05				



GEOCHEM SURVEY
SIX MILE SOUTH AREA
SCALE: 1" = 500'
DATA BY: WGE
E. GROVER HEINRICHS + ASSOC.

N



SCALE:- 1" = 500'

SAMPLE LOCATION

NOTE: Sample locations are 100' apart.
Line 4 is in saddle no outcrop visible.
Sample locations on Line 5 and 6 are 66' apart.

W.G.B. DEC. 1981

GEOCHEM SURVEY

OF

SIX MILE SOUTH AREA

FOR

PEARCE PROJECT

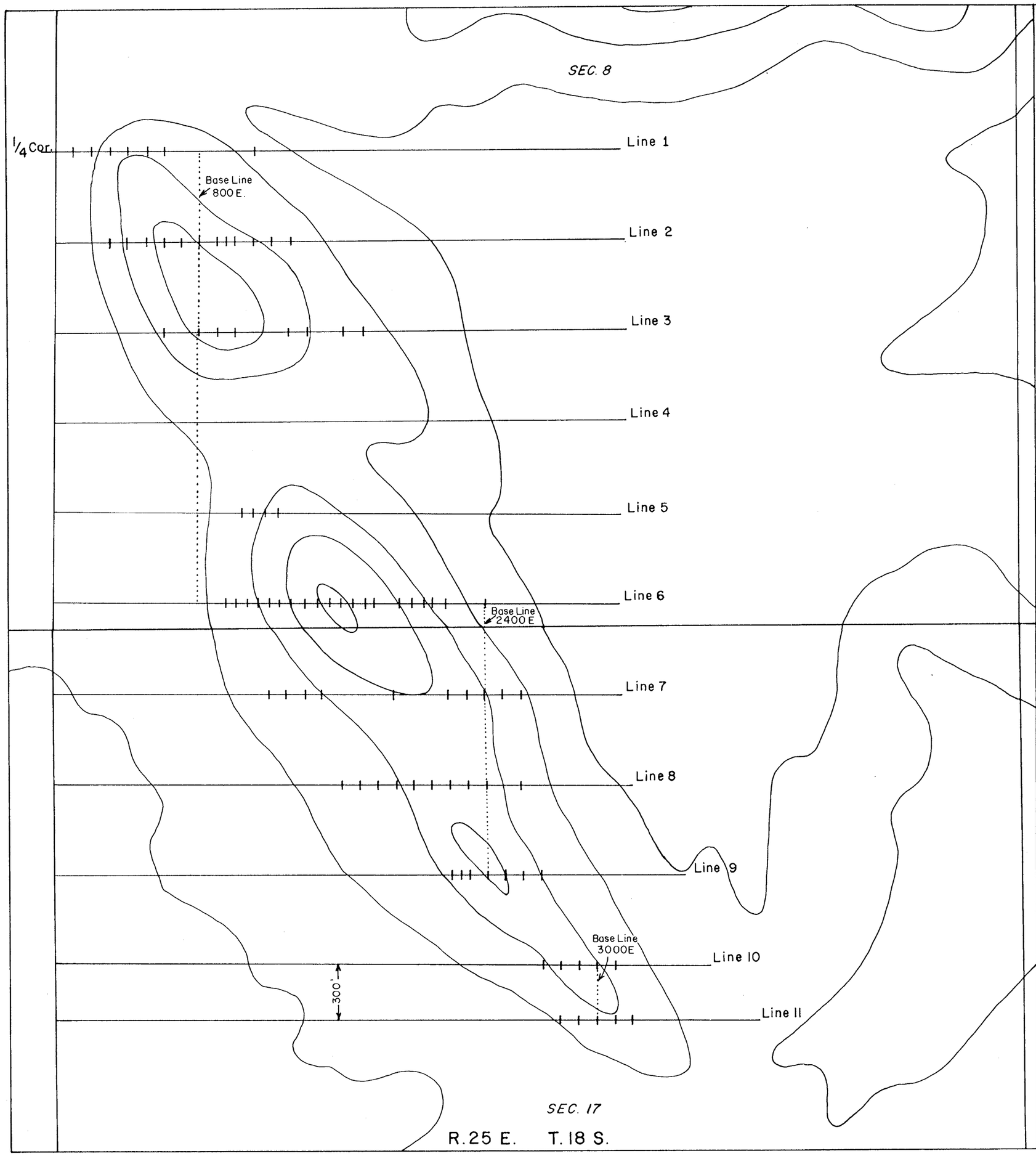
COCHISE COUNTY, ARIZONA

FOR

MR. JOHN A. STEPHENS

BY

E. GROVER HEINRICHS & ASSOCIATES
1802 W. GRANT RD., SUITE 110-4, TUCSON, AZ 85705



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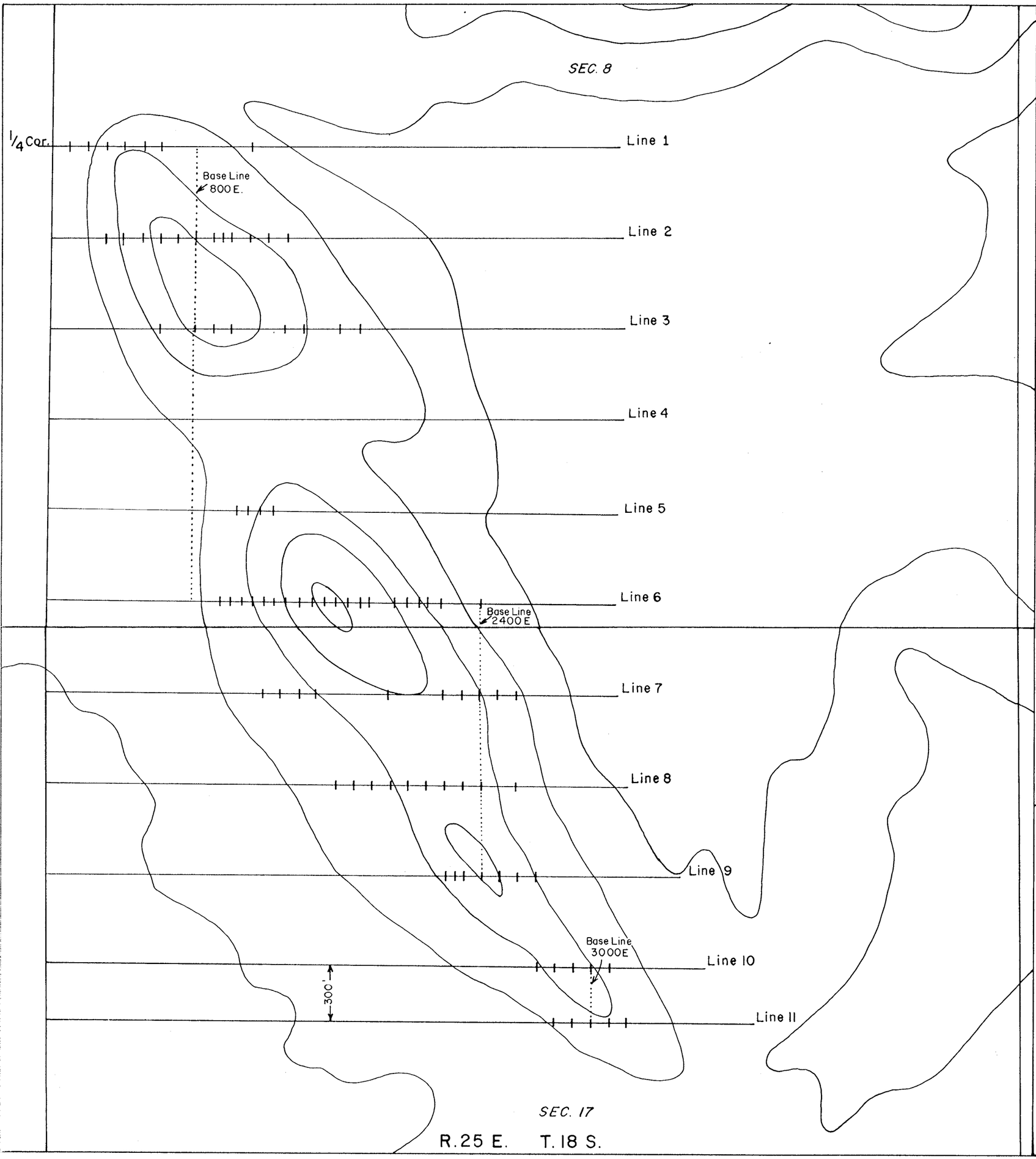

SCALE:- 1" = 500'

SAMPLE LOCATION

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W.G.B. DEC. 1981

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SCALE:- 1" = 500'

SAMPLE LOCATION

3 HG ≥ .07 PPM

1 AS ≥ .50 PPM

2 AG ≥ .2 PPM

BEDROCK GEOCHEM SAMPLE

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W.G.B. COMPOSITE SUMMARY MAP DEC. 1981

GEOCHEM SURVEY

OF

SIX MILE SOUTH AREA

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COCHISE COUNTY, ARIZONA

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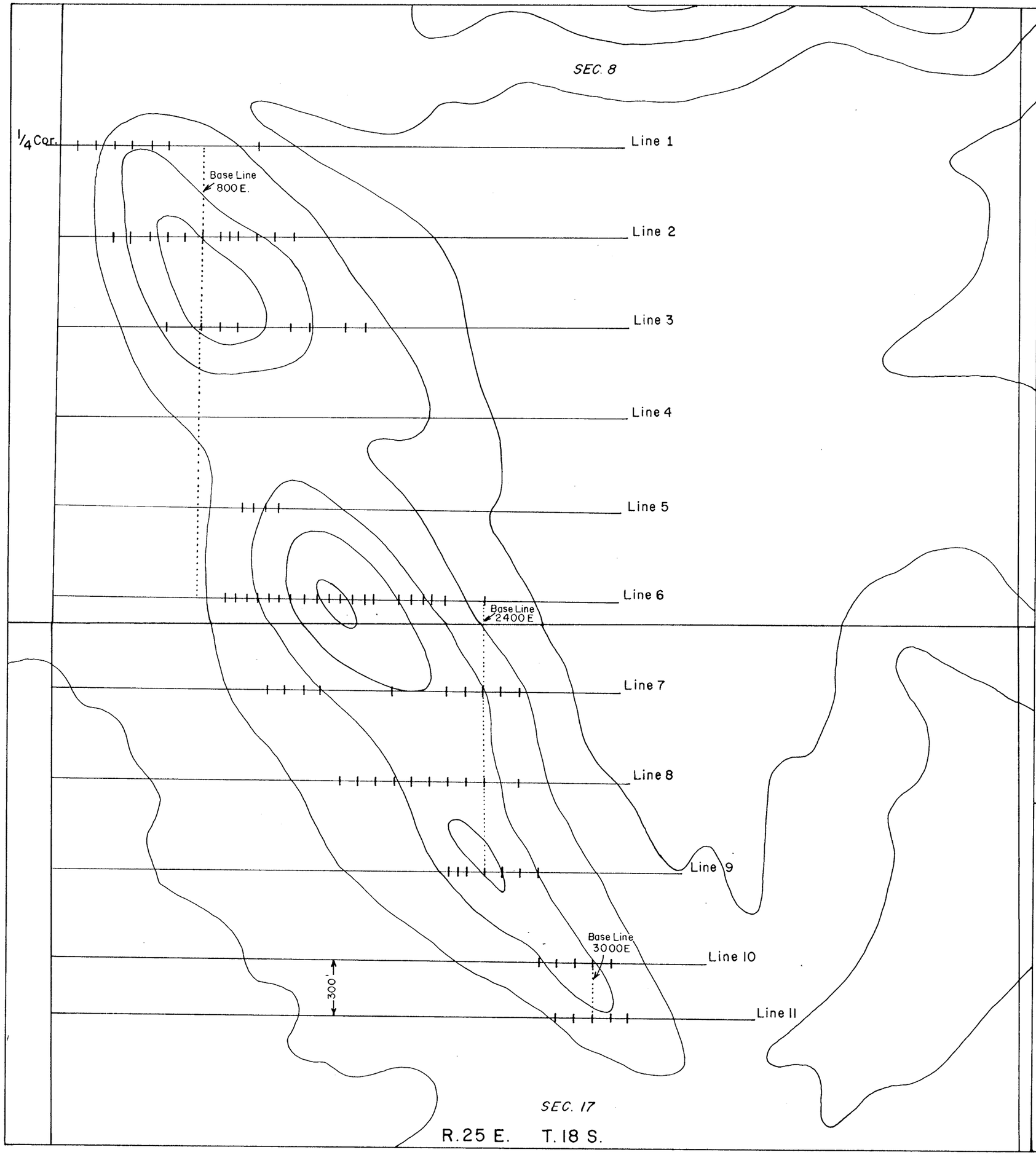

SCALE:- 1" = 500'

SAMPLE LOCATION

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Sample locations on Line 5 and 6 are 66' apart.

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