



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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11/10/94

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: AMMILL-AMBEST GROUPS

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 393

LOCATION: TOWNSHIP 9 N RANGE 3 W SECTION 16 QUARTER SE
LATITUDE: N 34DEG 07MIN 04SEC LONGITUDE: W 112DEG 34MIN 20SEC
TOPO MAP NAME: MORGAN BUTTE - 7.5 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:

COPPER OXIDE
GOLD
SILVER

BIBLIOGRAPHY:

USGS MORGAN BUTTE QUAD
ADMMR AMMILL-AMBEST GROUPS FILE

Assessment Report
on the
Ammill - Ambest Groups
Yavapai County
Arizona
on behalf of
Permian Resource Corporation
by
John R. Poloni, B.Sc., P.Eng.
September 14, 1984

Assessment Report
on the
Ammill - Ambest Groups
Yavapai County
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on behalf of
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John R. Poloni, B.Sc., P.Eng.
September 14, 1984

John R. Poloni & Associates Ltd.
1512 B - 56th Street
Delta, B.C. V4L 2A8

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1.0 Summary and Conclusions

The Amhill and Ambest groups of claims cover preCambrian intrusive and gneissic units generally masked or hidden by rhyolitic flows and younger volcanics.

Mineralization is related to thin shear zones and copper stained quartz calcite stringer zones of minimal nature.

Exploratory surveys were limited in nature to preliminary geological and geochemical reconnaissance, as part of work requirements for the 1984 assessment year.

2.0 Introduction

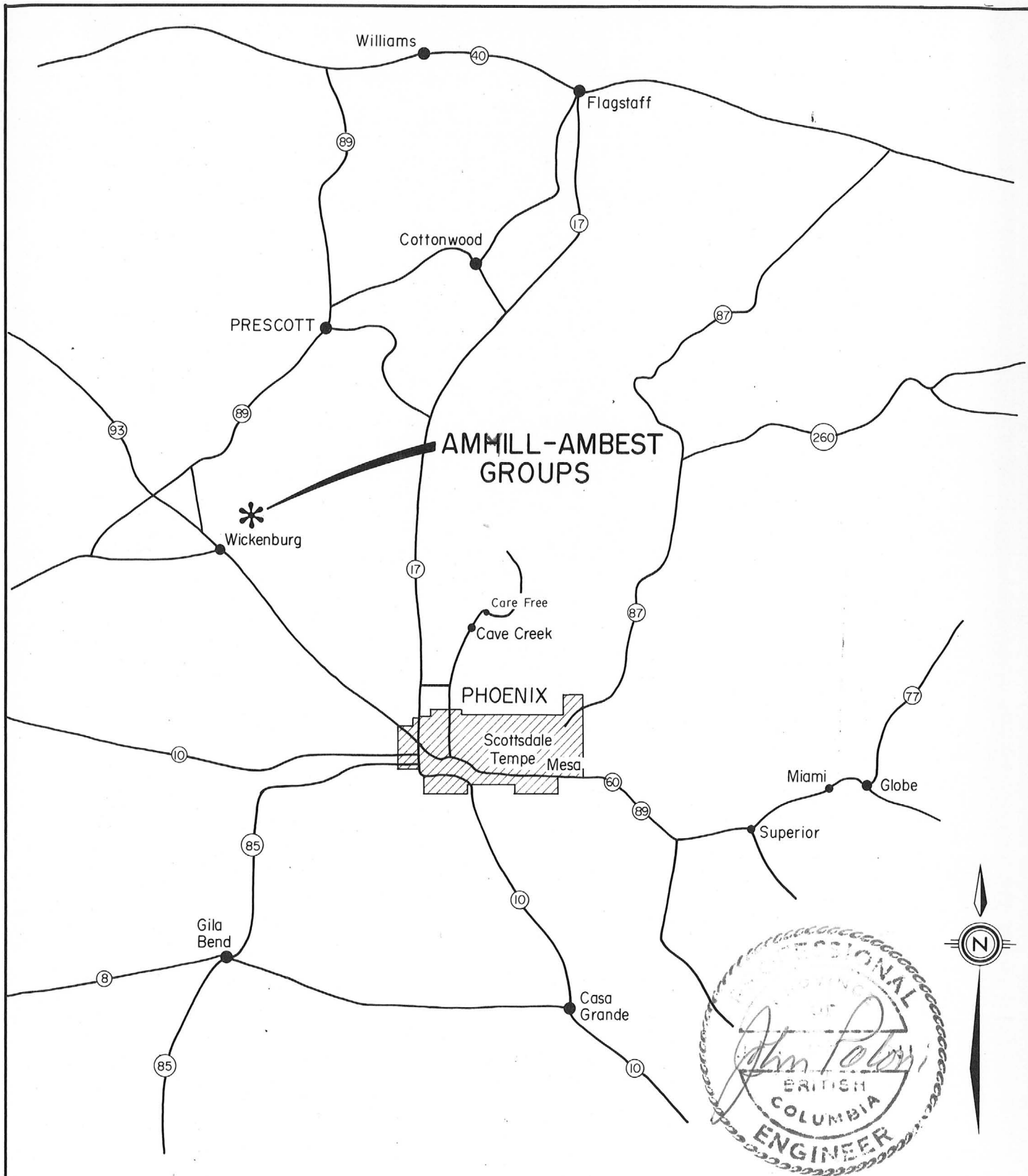
The Ammill - Ambest groups of located claims are controlled by Permian Resources Inc. by option agreement. Both groups located in the Black Rock Mining District, Yavapai County, Arizona consist of 24 claims.

Assessment work requirements were met by completing, geological reconnaissance mapping, rock sampling and a limited amount of soil geochemical sampling during August 1984.

This report is a summary of the completed work.

Property Location Map

Plan No. 1



PERMIAN RESOURCE CORP.		
PROPERTY LOCATION PLAN		
AMHILL-AMBEST GROUPS		
BLACK ROCK MINING DISTRICT		
YAVAPAI COUNTY ARIZONA		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN :	J.R.P.	CHECKED : J.R.P.
SCALE :	1" = 23.4 miles	DATE : Sept. 14, 1984
		PLAN No. 1

3.0 Location and Accessibility

The claim groups are located approximately 15 miles northerly of Wickenburg, Arizona in the Black Rock Mining District, Yavapai County in Sections 15, 16, 17, 20, 21 and 22, Township 9 North, Range 3 West.

Both the Ammill and Ambest groups consisting of 24 claims each, straddle the Hassayampa River.

Access is along the Constellation Mine Road which is maintained by the County. Generally four wheel drive vehicles are recommended. The road extends from Wickenburg, beyond the Monte Cristo and Gold Bar Mines, along O'Brien Gulch to the Hassayampa River and the claims.

4.0 Claim Information

The Ammill (24 claims) and the Ambest (24 claims) are held under option by Permian Resources Corporation. Claim data is as follows: Ammill Group - (1 - 24 claims) are in Range ~~3~~ West Township 9 North, Sections 16, 17, 20 and 21. The Ambest Group - (1 - 24 claims) are in Range 3 North, Township 9 North, Sections 16, 21 and 22. Additional data with respect to Record Book, Page and BLM numbers is available at the company office.

5.0 Physical Features

The claims are in an area of moderately rugged desert mountain terrain with sparse vegetation in the upland areas and denser shrub and tree growth along the Hassayampa River and its tributaries. Access to the south property boundary is by four wheel drive vehicle but to the rest of the property by foot.

Generally the topography consists of a series of parallel to sub-parallel hog backs with a northwesterly trend, dissected by the Hassayampa River and its tributaries.

Wickenburg, the nearest town can provide accommodations and minimal supplies, but equipment for mining and labour must come from other centers.

6.0 Geology and Mineralogy

The area is underlain with pre-Cambrian granitic units and gneissic equivalents capped locally with basalt including tuff and agglomerate and rhyolite.

Locally, the claim groups are covered by rhyolite and rhyodacite flows except for small exposures of the basement intrusives including granites and gneisses.

Mineralization in the form of quartz and calcite stringers and veins is related to tight shear zones. Copper staining is occasionally observed with malachite and azurite being observed in relationship to calcite stringers.

6.0 Geology and Mineralogy, cont'd.

Rock samples were collected from areas of interesting geology and mineralogy. These are shown on Plan No. 4 included in Appendix B.

7.0 Exploration 1984 - Assessment Requirements

During August 1984 a limited program of reconnaissance geology, geochemistry and rock sampling was completed in the Ammill and Ambest groups as part of the assessment work requirements for 1984. This work consisted of silt sampling of some drainage, the taking of eleven rock samples of interesting geological and mineralogical features, collection of fifty-eight soil samples along controlled survey lines over the contact area between the basement intrusives and rhyolites, and geological reconnaissance mapping of the claims. Data is plotted on Plans No. 4, 5, 6, 7 and 8 included in Appendix B.

One rock sample of interest returned 5.5. Ag oz/T. Gold assays were all 0.001 oz/T. Copper assays ranged from 0.002 to 1.125%.

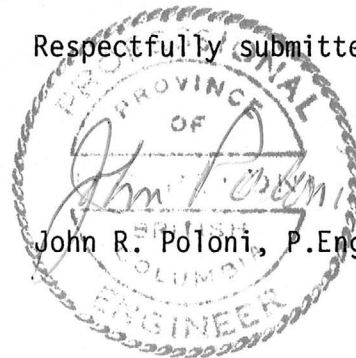
Soil geochemical results were generally low with only three single station anomalies for copper, two single station anomalies for gold, and no anomalies for silver.

The interesting rock sample could possibly be from an area previously reported by Mr. Best.

8.0 Recommendations

It is noted that the survey completed was undertaken as part of work requirements on the claim groups, and thus was limited in nature. A more thorough assessment of the merits of the claims would require a program as completed for the Amazon Claims. At this time this is not recommended, however, areas not covered by younger flows may require further examination. Additional sampling in mineralized zones such as near sample No. PR-1 may be worthwhile.

Respectfully submitted,



John R. Poloni, P.Eng.

Appendix A

Certificate

Certificate

I, John R. Poloni, of 5502 - 8B Avenue, in the Municipality of Delta, in the Province of British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist.
2. I am a graduate of McGill University of Montreal, Quebec, where I obtained a B.Sc. Degree in Geology in 1964.
3. I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers of the Province of British Columbia.
4. I have practiced my profession since 1964.
5. I am a Member of the Canadian Institute of Mining and Metallurgy.
6. I have personally visited the property of Permian Resources Inc. on July 8, 1983.
7. I have no interest in the properties and securities of Permian Resources Inc., nor do I expect to receive or acquire any.
8. I consent to the use of this report by Permian Resources Inc. in a submission to the Vancouver Stock Exchange and/or the British Columbia Superintendent of Brokers, and to distribute all or parts of the report to the shareholders or other interested parties provided that the meaning is not altered by partial quotes.

Dated this 14th day of September, 1984.

John R. Poloni, B.Sc., P.Eng.



Appendix B

A) Assay Data

B) Maps

Scale

Plan No. 2	Claim Map	1"=2000'
Plan No. 3	Geology	1"=8 mls.
Plan No. 4	General Compilation	1"=500'
Plan No. 5	Sample Grid	1"=200'
Plan No. 6	Soil Geochemistry Copper PPM	1"=200'
Plan No. 7	Soil Geochemistry Gold PPb	1"=200'
Plan No. 8	Soil Geochemistry Copper PPM	1"=200'

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

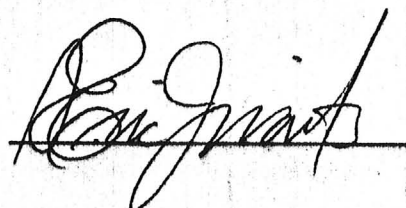
COMPANY: J. POLONI
PROJECT: PERMIAN WICKENBURG
ATTENTION: J. POLONI

FILE: 4-904/P1
DATE: SEPT. 7/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	AG PPM	AU PPB
P 1	25	0.4	5
2	69	0.9	10
3	32	0.9	5
4	28	0.7	5
5	26	0.6	10
6	65	1.1	10
7	21	0.6	5
8	26	0.6	5
9	20	0.8	15
10	34	0.7	5
11	19	0.5	10
12	15	0.6	5
13	14	0.5	5
14	18	0.7	<5
15	24	0.8	10
16	25	0.4	5
17	23	0.4	10
18	32	0.6	5
19	82	1.2	10
20	40	1.2	5
21	11	1.0	5
22	40	0.9	10
23	43	0.8	15
24	33	0.8	5
25	33	0.7	5
26	42	0.9	<5
27	38	1.0	5
28	41	0.9	5
29	40	0.9	5
P 30	31	0.6	5

Certified by



MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: J. POLONI
PROJECT: PERMIAN WICKENBURG
ATTENTIN: J. POLONI

FILE: 4-904/P2
DATE: SEPT. 8/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	AG PPM	AU PPB
P 31	43	0.9	10
32	33	1.1	5
33	38	0.9	5
34	37	1.1	5
35	39	1.0	<5
36	40	1.2	10
37	37	0.9	5
38	30	1.0	5
39	21	0.8	5
40	17	1.1	10
41	21	0.8	5
42	18	0.9	10
43	19	0.8	5
44	19	0.5	5
45	15	0.4	10
46	17	0.6	5
47	24	0.9	5
48	22	0.6	5
49	20	0.7	10
50	22	0.7	5
51	20	0.6	<5
52	31	0.6	5
53	21	1.0	10
54	18	1.1	5
55-56	16	1.4	5
57	33	1.0	10
P 58	34	1.0	5
N 1	179	1.0	25
2	188	1.0	10
N 3	118	0.8	5

P Samples

1695

Cu mean 29.2

anom 58.4

Ag 46.30

mean
0.8

Anom 1.6

Au 365

mean 6.76

Anom 13.52

Certified by

[Signature]

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

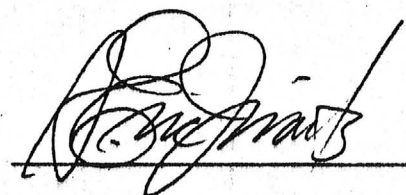
COMPANY: J. POLONI
PROJECT: PERMIAN WICKENBURG
ATTENTION: J. POLONI

FILE: 4-904/P3
DATE: SEPT. 12/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	AG PPM	AU PPB
N 4	470	0.4	5
5	750	0.5	5
6	2300	1.6	30
7	850	1.0	45
8	248	0.4	15
9	160	0.5	5
10	131	0.6	5
11	305	0.5	10
12	188	0.6	5
14	35	0.6	<5
15	176	0.5	5
16	99	0.4	5
17	40	0.5	5
18	22	0.6	<5
19	101	0.6	10
20	90	0.5	5
21	191	0.5	5
22	46	0.7	5
23	39	1.0	5
24	25	0.7	5
25	29	0.8	<5
26	25	0.7	5
27	171	1.3	30
28	150	1.1	5
29	49	0.9	5
30	97	0.8	10
31	128	0.9	5
32	92	1.4	15
33	118	0.8	<5
N 34	96	0.7	15

Certified by



MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 980-5814 DR (604) 988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: J. POLONI
PROJECT: PERMAIN WICKENBURG
ATTENTION: J. POLONI

FILE: 4-904/P4
DATE: SEPT. 11/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 28 samples submitted.

SAMPLE NUMBER	CU PPM	AG PPM	AU PPB
N 35	324	0.8	205
36	52	1.3	5
37	152	0.9	20
38	156	1.0	5
39	43	0.8	5
40	36	0.8	15
41	91	0.7	10
42	119	0.7	10
43	89	0.9	5
44	235	1.0	1750
45	119	0.7	15
46	144	0.9	5
47	185	0.9	5
48	1078	0.7	5
49	202	0.6	<5
50	69	1.0	10
51	64	0.9	5
52	93	0.8	5
53	42	1.0	5
54	30	1.3	5
55	42	1.2	10
56	61	0.7	<5
57	76	0.9	5
N 58	20	0.8	5
PS 1	30	0.7	<5
2	41	1.0	5
PS 3	23	0.4	5
P 55	18	1.4	5

40MESH

Cu

11228
58

mean 193

Anomalous

387

Ag 46.20
58

mean 0.8

Anomalous 1.6

Au 2415.00
44

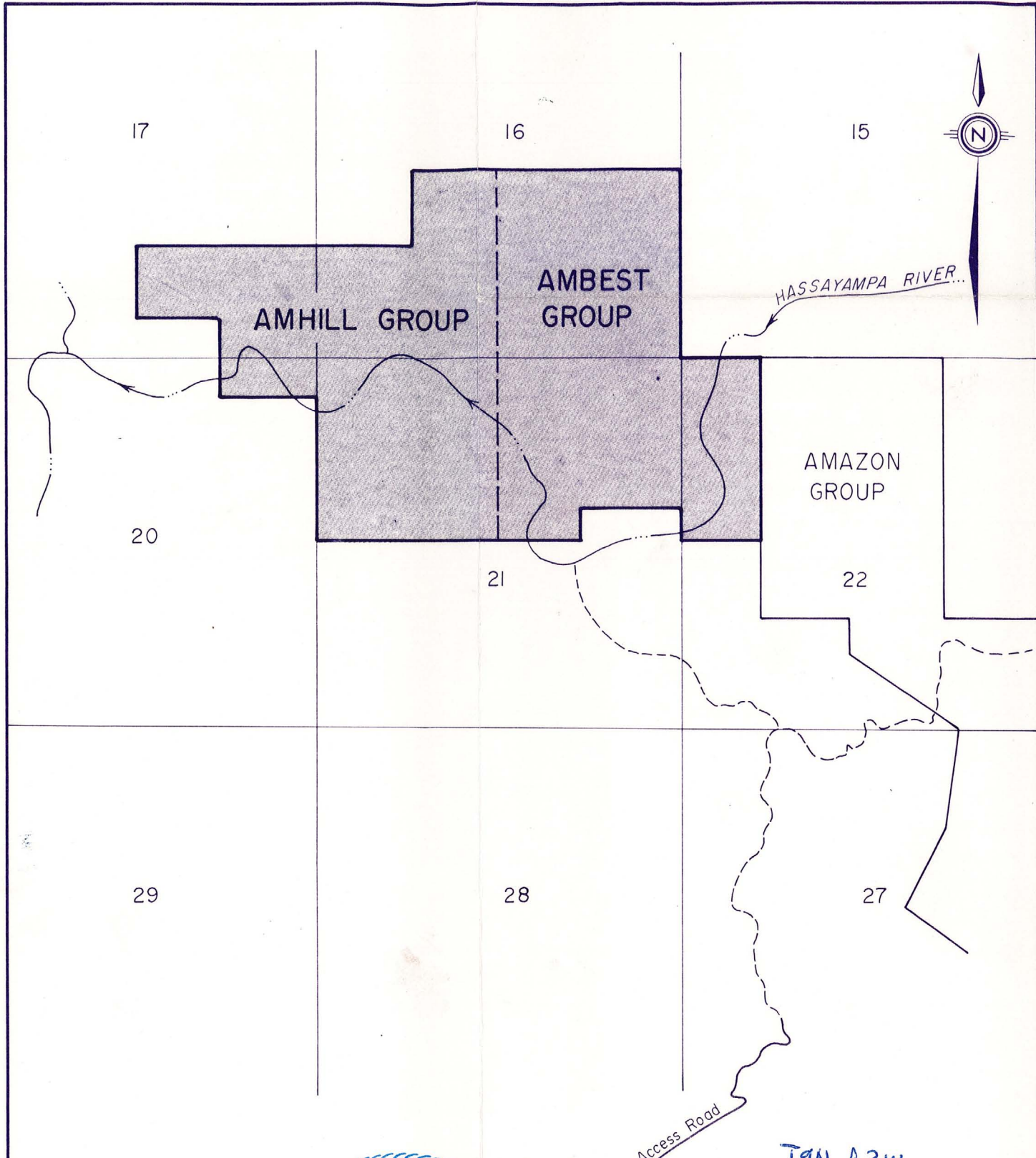
mean 46.44

Certified by

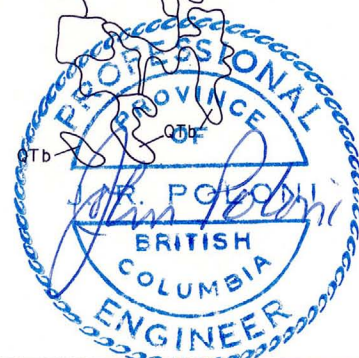
665
51

mean 13
anomalous 26

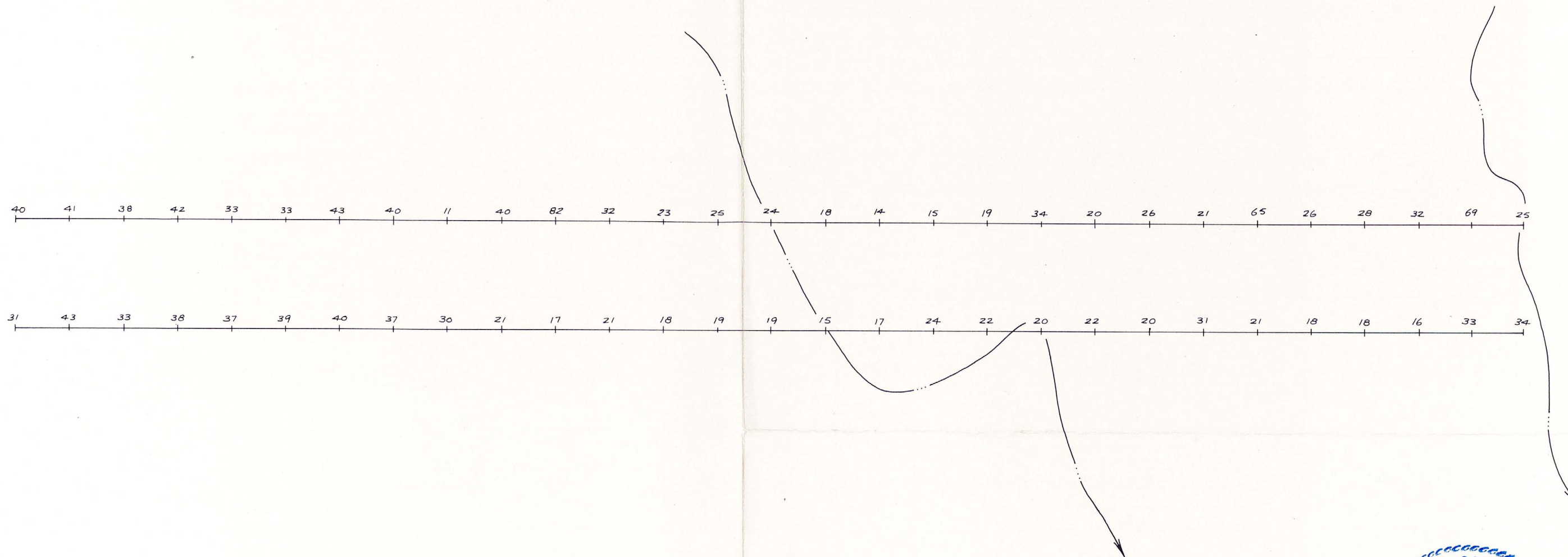
[Signature]



PERMIAN RESOURCE CORP.		
AMHILL-AMBEST GROUPS		
CLAIM MAP		
BLACK ROCK MINING DISTRICT		
YAVAPAI COUNTY, ARIZONA		
JOHN R. POLONI & ASSOCIATES LTD.		
Drawn: J.R.P.	Checked: J.R.P.	Plan No.
Scale: 1" = 2000'	Date: Sept. 14, 1984	2



Drawn : J. R. P.	Checked : J. R. P.	Plan No.
Scale : 1" = 8 miles	Date : Sept. 14, 1984	3

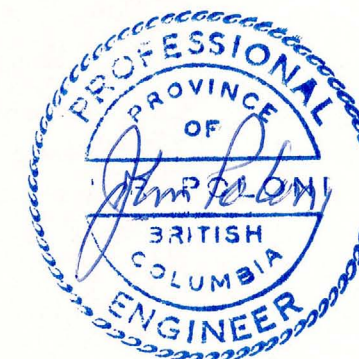


NB

CONTACT AREA BETWEEN INTRUSIVES
AND RHYOLITES SAMPLED.

COPPER ANOMALOUS PARAMETERS

MEAN 29.2 PPM
ANOMALOUS 58.4 PPM



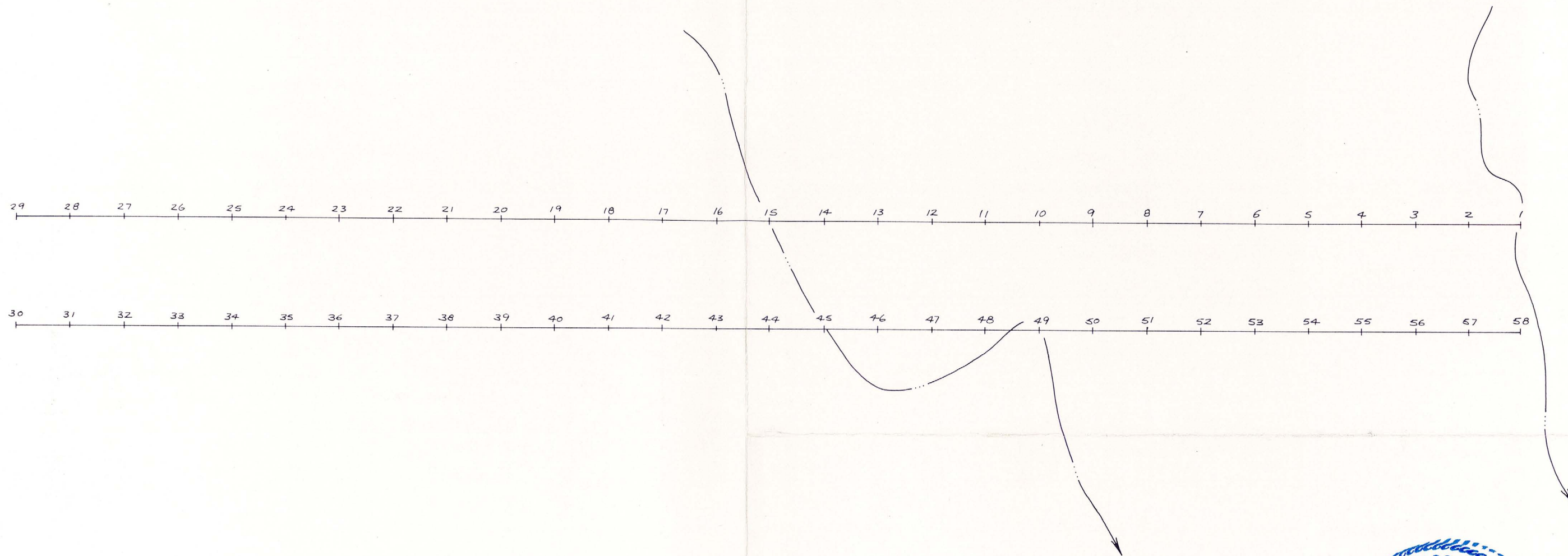
PERMIAN RESOURCE CORP.

AMMILL-AMBEST GROUPS
RECON.- GEOCHEMICAL
SOIL SAMPLING
COPPER-PPM

BLACK ROCK M.D., YAVAPAI COUNTY, ARIZONA

JOHN R. POLONI & ASSOCIATES LTD.

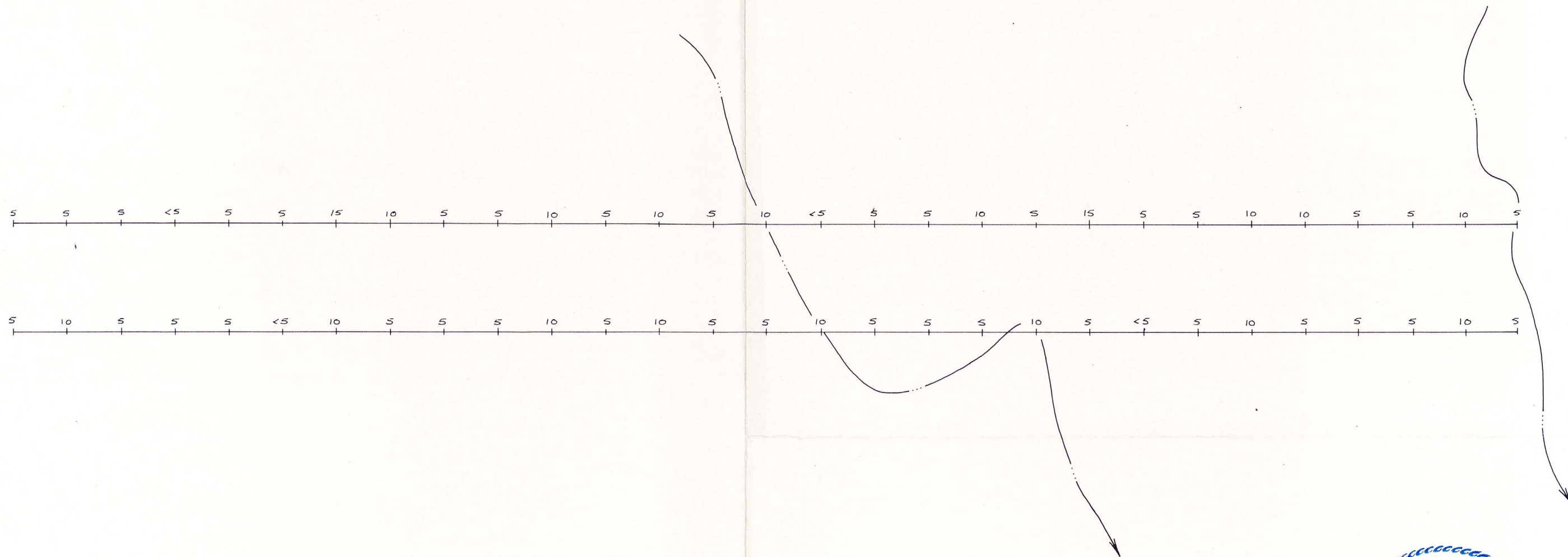
Drawn. J. R. P.	Checked. J. R. P.	PLAN No.
Scale. 1" = 200'	Date. Sept. 14, 1984	6



NB
CONTACT AREA BETWEEN INTRUSIVES
AND RHYOLITES SAMPLED.



PERMIAN RESOURCE CORP.		
AMMILL-AMBEST GROUPS		
RECON.- GEOCHEMICAL		
SOIL SAMPLING		
SAMPLE LOCATION PLAN		
BLACK ROCK M.D., YAVAPAI COUNTY, ARIZONA		
JOHN R. POLONI & ASSOCIATES LTD.		
Drawn. J. R. P.	Checked. J. R. P.	PLAN No.
Scale. 1" = 200'	Date. Sept. 14, 1984	5



NB

CONTACT AREA BETWEEN INTRUSIVES
AND RHYOLITES SAMPLED.

GOLD ANOMALOUS PARAMETERS

MEAN 6.76 PPB
ANOMALOUS 13.5 PPB



PERMIAN RESOURCE CORP.

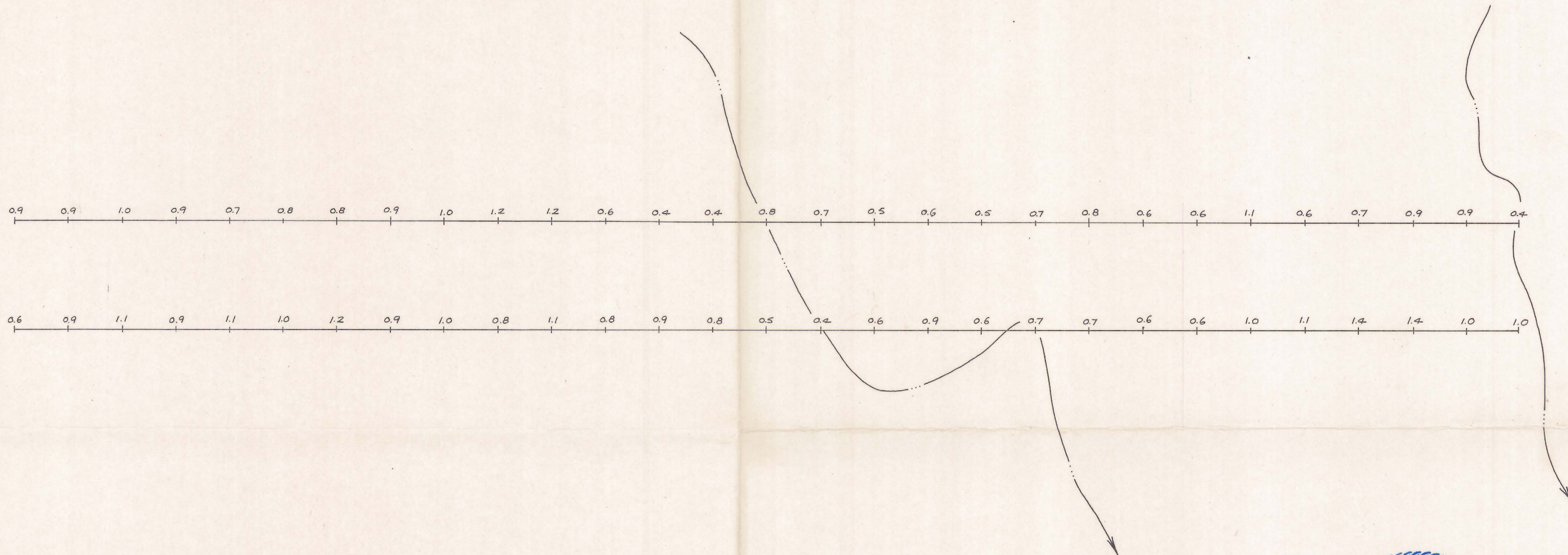
AMMILL-AMBEST GROUPS
**RECON.- GEOCHEMICAL
SOIL SAMPLING**

GOLD - PPB

BLACK ROCK M.D., YAVAPAI COUNTY, ARIZONA

JOHN R. POLONI & ASSOCIATES LTD.

Drawn. J. R. P.	Checked. J. R. P.	PLAN No.
Scale. 1" = 200'	Date. Sept. 14, 1984	7



NB

CONTACT AREA BETWEEN INTRUSIVES
AND RHYOLITES SAMPLED.

SILVER ANOMALOUS PARAMETERS

MEAN 0.8 PPM
ANOMALOUS 1.6 PPM



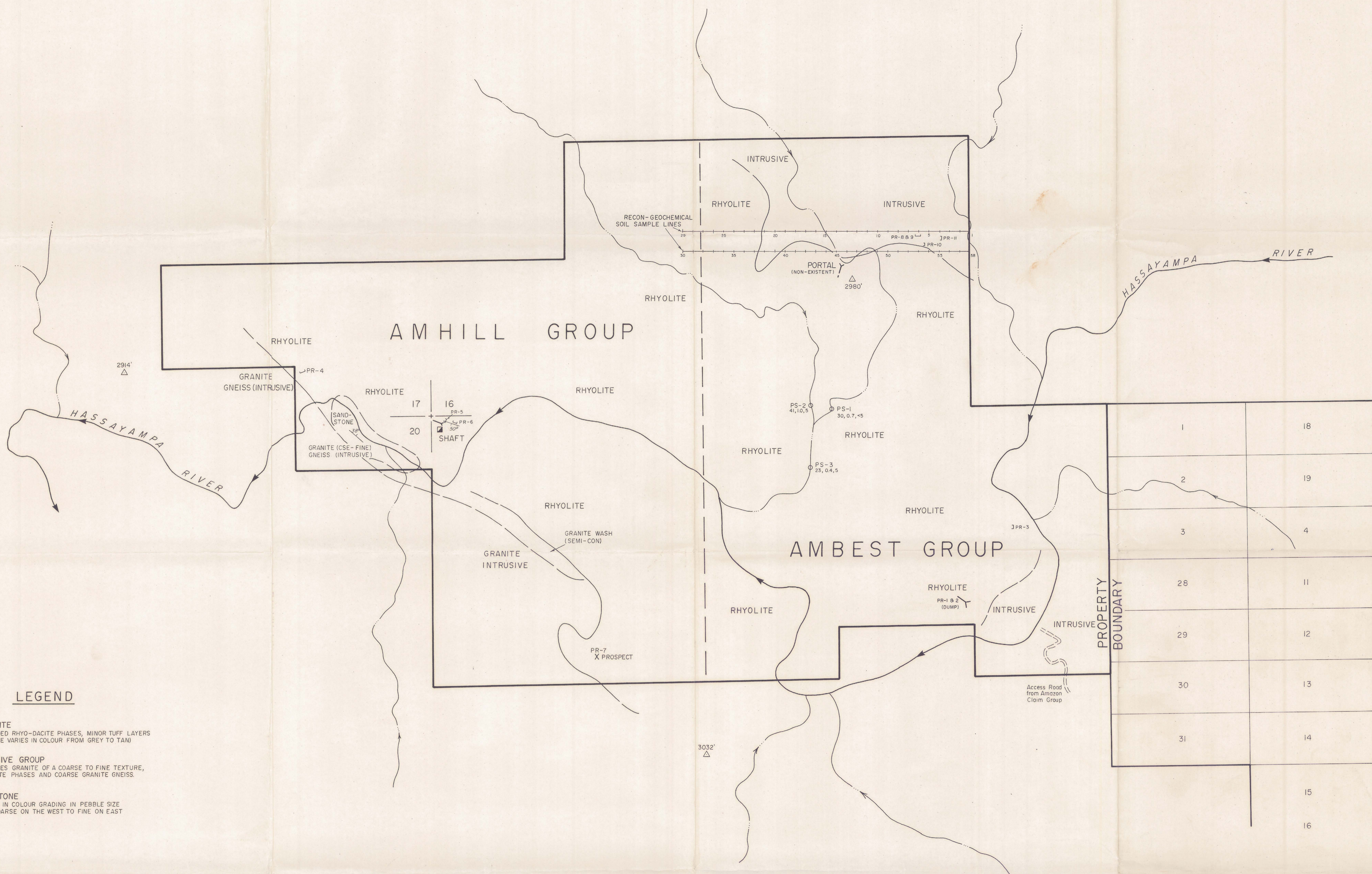
PERMIAN RESOURCE CORP.

AMMILL-AMBEST GROUPS
**RECON.- GEOCHEMICAL
SOIL SAMPLING**
SILVER-PPM

BLACK ROCK M.D., YAVAPAI COUNTY, ARIZONA

JOHN R. POLONI & ASSOCIATES LTD.

Drawn. J. R. P.	Checked. J. R. P.	PLAN No.
Scale. 1" = 200'	Date. Sept. 14, 1984	8



LEGEND

- RHYOLITE
-INCLUDED RHYO-DACITE PHASES, MINOR TUFF LAYERS
(RHYOLITE VARIES IN COLOUR FROM GREY TO TAN)
- INTRUSIVE GROUP
-INCLUDES GRANITE OF A COARSE TO FINE TEXTURE,
PEGMATITE PHASES AND COARSE GRANITE GNEISS.
- SANDSTONE
-GREEN IN COLOUR GRADING IN PEBBLE SIZE
FROM COARSE ON THE WEST TO FINE ON EAST
- PORTAL
- SHAFT
- ROCK TYPE CONTACT DEFINED
- ASSUMED CONTACT
- SILT SAMPLE
LOCATION & No. Cu Ag Au
ppm ppm ppm
- SOIL SAMPLE, LOCATION & No.
- ROCK SAMPLE
LOCATION & No. Ag Au Cu
oz/t. oz/t. %
- PROSPECT
- ELEVATION

SECTION
20 21
29 28

ROCK ASSAYS			
Number	ASSAY		
	Ag oz/t.	Au oz/t.	Cu %
PR-1	5.51	0.001	0.354
PR-2	0.04	0.001	0.015
PR-3	0.23	0.001	0.122
PR-4	0.06	0.001	0.014
PR-5	0.20	0.001	0.029
PR-6	0.36	0.001	1.125
PR-7	0.04	0.001	0.029
PR-8	0.01	0.001	0.007
PR-9	0.01	0.001	0.015
PR-10	0.07	0.001	0.002
PR-11	0.04	0.001	0.019

21 22
28 27



PERMIAN RESOURCE CORP.		
AMMILL-AMBEST GROUPS		
GENERAL COMPILATION		
BLACK ROCK MINING DISTRICT		
YAVAPAI COUNTY, NEVADA		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN. J. R. P.	CHECKED. J. R. P.	PLAN No.
SCALE. 1" = 500'	DATE. SEPT. 14, 1984	4