

# Venus - Mars Exploration Trenching Report

## Overview

In 1987 Resource Associates of Alaska, Inc. / Nerco Exploration Co. (the “Companies”) conducted an exploration trenching program on the area now covered by 2Prospectors Venus - Mars et al claims. At that time, Resource Associates / Nerco had the “Retreat – Advance” Property under lease from previous owner.

The Companies completed approximately 17 trenches of which 11 fall within the boundary of the current Venus Mars Property mining claims. The Companies constructed a set of trench schematics depicting geology, sample numbers and sample results for each trench. As well, the trench locations were included within a property master map as an overlay containing the trenches drawn in relation to one another with their accompanying sample numbers.

Unfortunately, much important data relating to the Companies work was lost in a fire. Specifically, Property master maps and all overlays were destroyed leaving no benchmarks or reference points to document trench locations. A paper copy of a portion of the trench overlay was preserved as well as most of the individual trench schematics.

## Abstract

Using historic air photos (Google Earth) and a computer mapping program (iGage All Topos), as well as data contained within the trench schematics and the partial trench overlay, it was possible to reconstruct the trench locations and their orientation with, generally, a good degree of accuracy.

A 1994 era USGS air photo, accessed through Google Earth, provided the base to locate and draw in most of the 1988 era trenches, which showed up quite well. Using Google Earth tools and a reference point consisting of a distinct junction of Wildcat Canyon Creek and an intersecting side creek, it was possible to establish a distance and azimuth direction to each trench location. As well, the Google Earth tools allowed length and azimuth to be computed for the actual trenches.

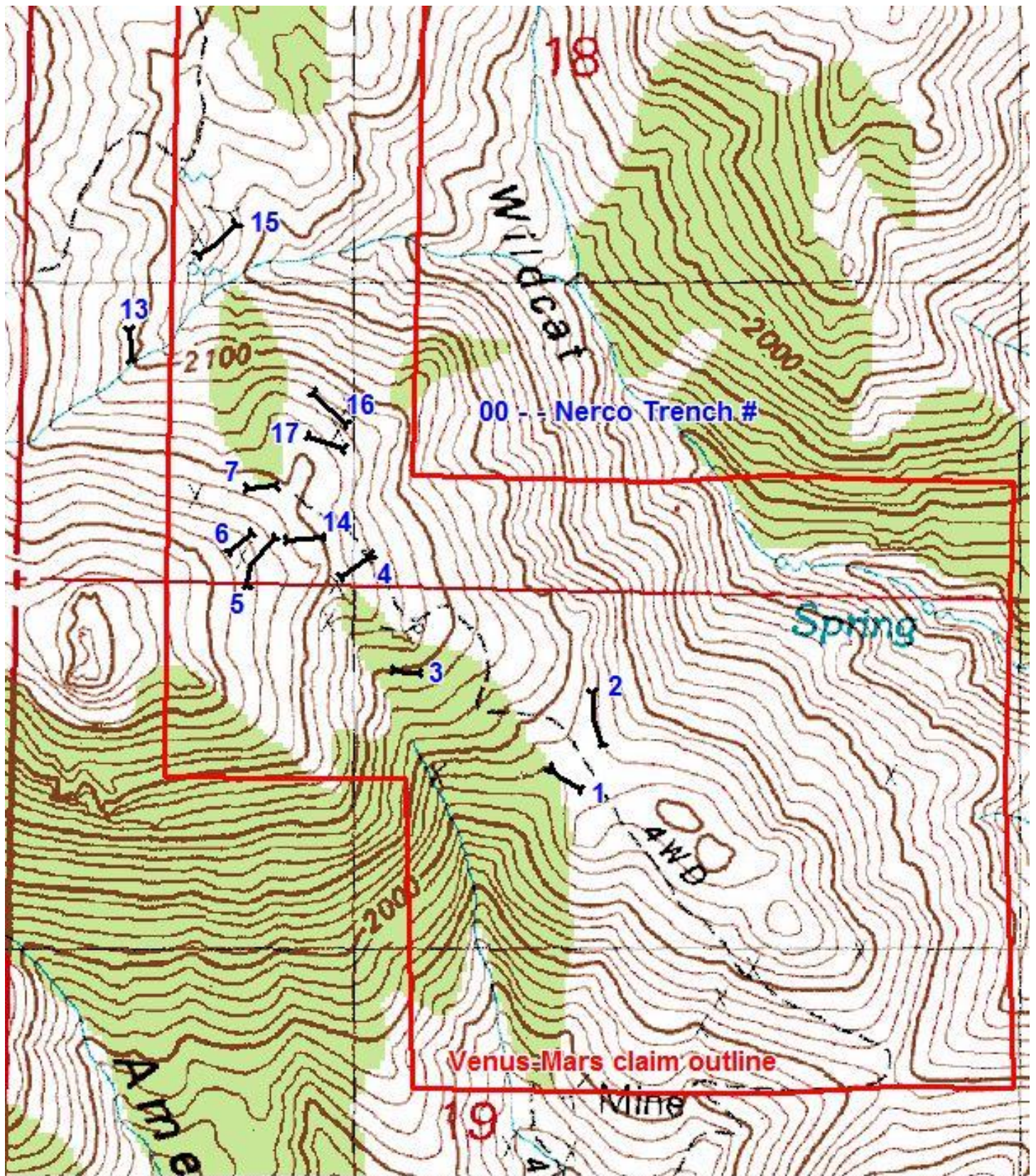
This data was then used to project relatively accurate locations on a USGS topographic base map through the “All Topos” map program. The partial trench overlay document and the scale and elevational data from the trench diagrams provided cross reference and confirmation data.

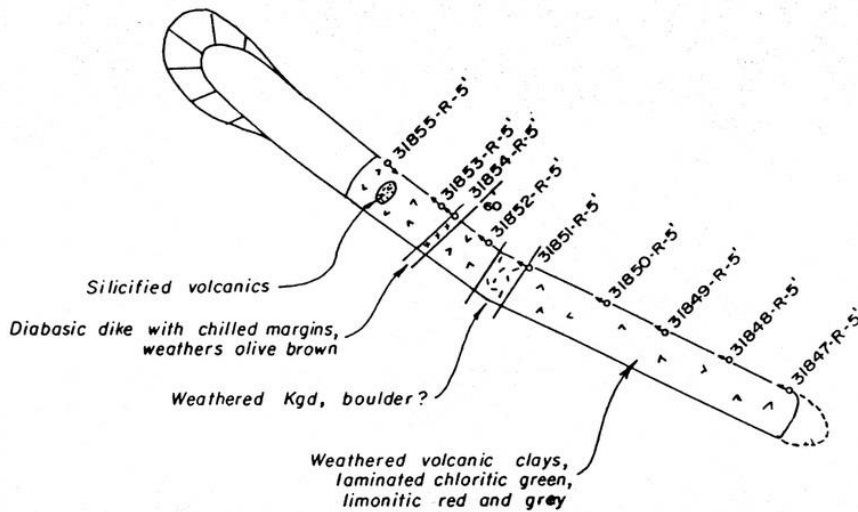
## Conclusions

The 11 trenches within the Venus Mars Property, using their historic numbers, are as follows: trenches # 1, 2, 3, 4, 5, 6, 7, 14, 15, 16 & 17. Trench 13 is located outside the Property boundary but is included within this report as its proximity provides some qualitative value. Locations and orientation of trench 2 & 14 are plotted but no other info is available (no trench schematics). Also, the accuracy of the plot of Trench 4 is questionable but close enough so that information contained within the schematic should have some qualitative value.

Within the Venus-Mars Property, approximately 1,600 feet of trenching was completed with accompanying sampling and geologic descriptions. The work was carried out in 1987 & 88 by two experienced exploration companies: Resource Associates of Alaska, Inc. and Nerco Exploration Company. Trench results show widespread surface Au and pathfinder mineralization and epithermal alteration.

The following pages provide the trenching program data as well as documentation that supports the trench location / placement exercise.





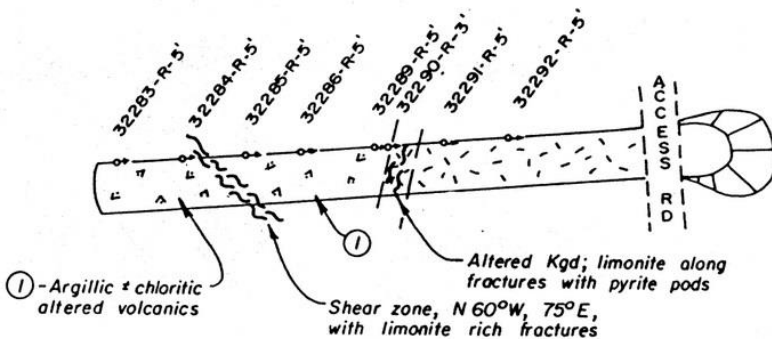
Sample #	Elevation (meters)	Elevation (feet)	Lithology	Au ppm	Ag ppm	As ppm	Sb ppm	Hg ppb
31847	2030	6658	V	0.037	0.40	360	5	1355
31848	2030	6658	V	0.011	0.40	77	5	465
31849	2030	6658	V	0.013	0.41	159	5	2059
31850	2030	6658	V	0.014	0.40	230	5	469
31851	2030	6658	V	0.016	0.40	180	7	853
31852	2030	6658	V	0.053	1.22	459	6	1348
31853	2030	6658	V	0.031	0.40	230	5	204
31854	2030	6658	V	0.032	0.40	189	5	2532
31855	2030	6658	V	0.046	0.40	193	7	190

**EXPLANATION**

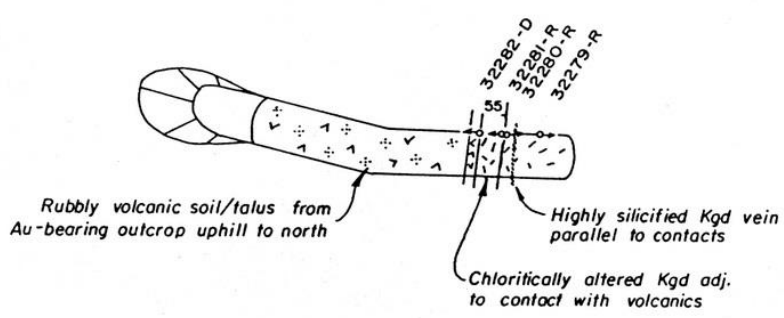
- Cretaceous granodiorite
- Volcanics
- Silicified volcanics
- Argillized, chloritized volcanics
- Intrusives
- Rubbly talus
- Vein
- Fault shear
- Horizontal channel sample
- Rock chip sample



 <b>RESOURCE ASSOCIATES OF ALASKA, INC.</b> 1756 E. PLUMB LN. SUITE 112 RENO, NEVADA 89502	
REVISIONS   	<b>RETREAT - ADVANCE PROJECT</b> <b>Trench 1</b> <b>GEOLOGY &amp; SAMPLES</b>
SCALE 1" = 50'	DATA BY M.B.      DRAFTED BY A.K.T.      DATE 1/88      PLATE



**Trench 4**



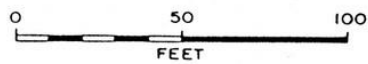
**Trench 3**



Sample #	Elevation (meters)	Elevation (feet)	Lithology	Au ppm	Ag ppm	As ppm	Sb ppm	Hg ppb
32279	2100	6888	G	0.068	0.43	137	5	14
32280	2100	6888	G	0.727	1.82	2622	38	114
32281	2100	6888	V	0.053	0.61	174	5	51
32282	2100	6888	V	0.664	1.62	336		
32283	2120	6953	V	0.174	1.25	270	5	1782
32284	2120	6953	V	0.136	0.40	303	8	89
32285	2120	6953	V	0.098	0.64	204	5	254
32286	2120	6953	V	0.318	1.01	435	6	770
32287	2120	6953	V	0.114	0.40	178	5	135
32288	2120	6953	V					
32289	2120	6953	V	0.110	0.83	187	5	156
32290	2120	6953	G	0.128	2.26	406	5	437
32291	2120	6953	G	0.037	0.40	13	5	1
32292	2120	6953	G	0.091	1.02	205	5	128

**EXPLANATION**

- Cretaceous granodiorite
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- Fault shear
- Horizontal channel sample
- Rock chip sample



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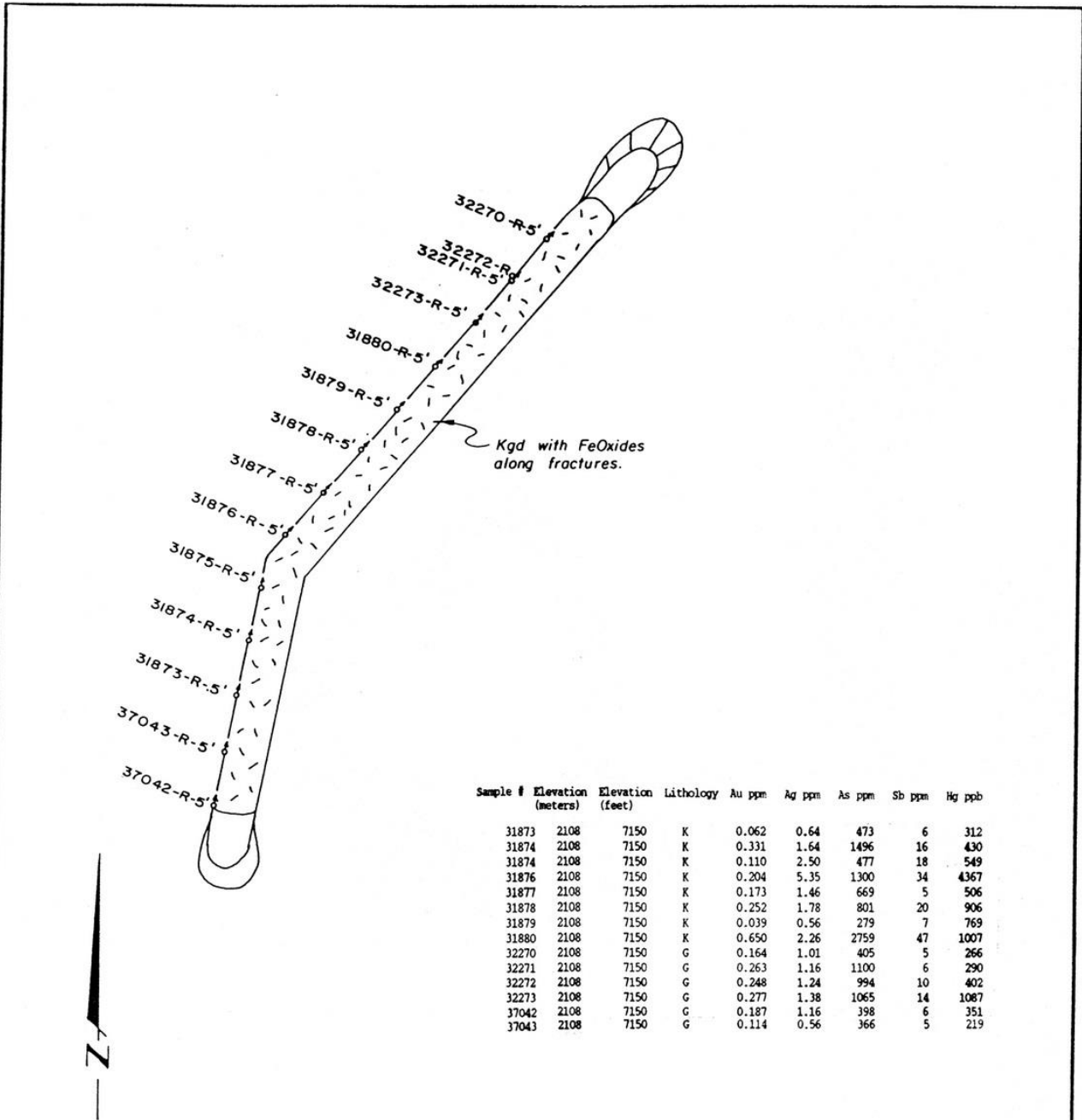
**REVISIONS**

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**RETREAT - ADVANCE PROJECT**  
**Trenches 3 and 4**  
**GEOLOGY & SAMPLES**

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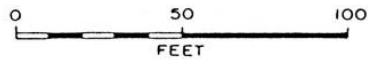
SCALE 1" = 50'    DRAWN BY M.B.    DRAFTER BY A.K.I.    DATE 1/88    PLATE



Sample #	Elevation (meters)	Elevation (feet)	Lithology	Au ppm	Ag ppm	As ppm	Sb ppm	Hg ppb
31873	2108	7150	K	0.062	0.64	473	6	312
31874	2108	7150	K	0.331	1.64	1496	16	430
31874	2108	7150	K	0.110	2.50	477	18	549
31876	2108	7150	K	0.204	5.35	1300	34	4367
31877	2108	7150	K	0.173	1.46	669	5	506
31878	2108	7150	K	0.252	1.78	801	20	906
31879	2108	7150	K	0.039	0.56	279	7	769
31880	2108	7150	K	0.650	2.26	2759	47	1007
32270	2108	7150	G	0.164	1.01	405	5	266
32271	2108	7150	G	0.263	1.16	1100	6	290
32272	2108	7150	G	0.248	1.24	994	10	402
32273	2108	7150	G	0.277	1.38	1065	14	1087
37042	2108	7150	G	0.187	1.16	398	6	351
37043	2108	7150	G	0.114	0.56	366	5	219

**EXPLANATION**

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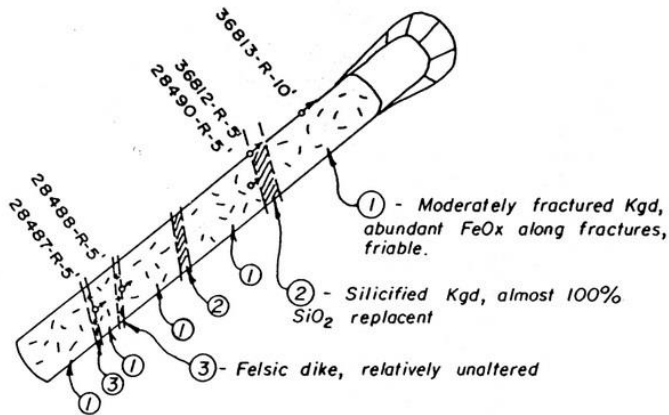
**REVISIONS**

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**RETREAT - ADVANCE PROJECT**  
**Trench 5**  
**GEOLOGY & SAMPLES**

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SCALE 1" = 50'    DATA BY M.B.    DRAWN BY A.K.T.    DATE 1/88    PLATE



Sample #	Elevation (meters)	Elevation (feet)	Lithology	Au ppm	Ag ppm	As ppm	Sb ppm	Hg ppb
28487 T06	2180	7150	G	0.101	1.01	954	5	423
28488 T06	2180	7150	G	0.467	1.40	1979	26	228
28490 T06	2180	7150	G	0.371	1.34	1008	5	843
36812 T06	2180	7150	G	0.310	1.82	797	16	830
36813 T06	2180	7150	G	0.331	2.60	1961	40	248

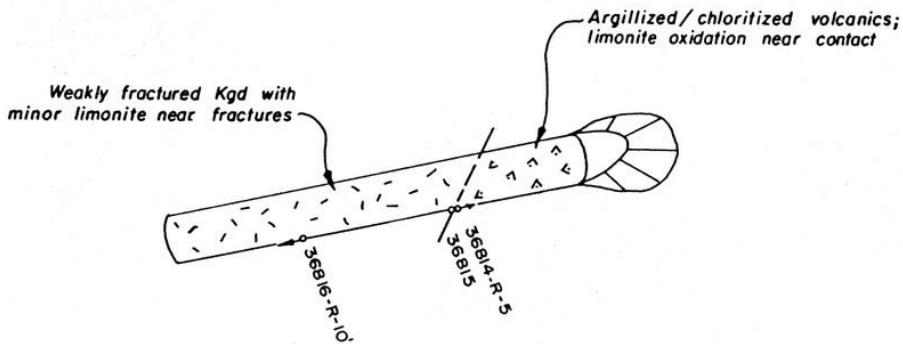


**EXPLANATION**

- Cretaceous granodiorite
- Volcanics
- Silicified volcanics
- Argillized, chloritized volcanics
- Intrusives
- Rubbly talus
- Vein
- Fault shear
- 31581-R-5 Horizontal channel sample
- 32277-R Rock chip sample



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REVISIONS	<b>RETREAT - ADVANCE PROJECT</b> <b>Trench 6</b> <b>GEOLOGY &amp; SAMPLES</b>
SCALE 1" = 50'	DRAWN BY M.B. CHECKED BY AKI DATE 1/88



Sample #	Elevation (meters)	Elevation (feet)	Lithology	Au ppm	Ag ppm	As ppm	Sb ppm	Hg ppb
36814	2160	7084	G	0.256	0.87	584	9	127
36815	2160	7084	G	0.280	0.83	1135	23	242
36816	2160	7084	G	0.345	2.36	1103	39	1334

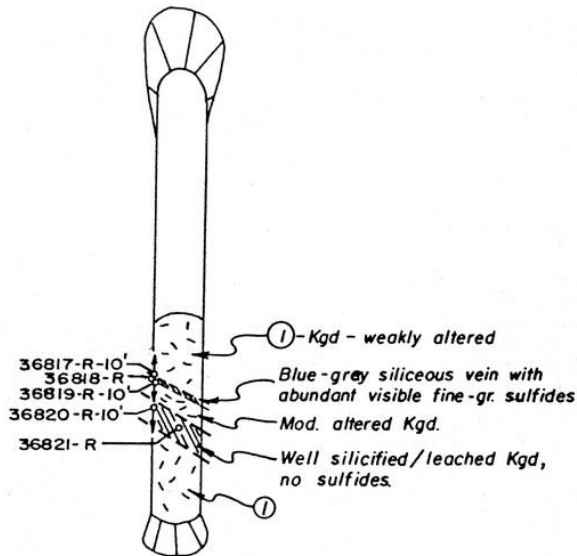


**EXPLANATION**

- Cretaceous granodiorite
- Volcanics
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- Intrusives
- Rubbly talus
- Vein
- Fault shear
- 36816-R-10 Horizontal channel sample
- 36814-R-5 Rock chip sample



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<p>RETREAT - ADVANCE PROJECT Trench 7 GEOLOGY &amp; SAMPLES</p>	<p>DATE: M.B. DRAWN BY: A.K.T. DATE: 1/88</p>




Sample #	Elevation (meters)	Elevation (feet)	Lithology	Au ppm	Ag ppm	As ppm	Sb ppm	Hg ppb
36817	2095	6871	G	0.424	5.99	2829	34	1195
36818	2095	6871	G	0.459	6.67	3747	59	1635
36819	2095	6871	G	0.663	4.06	5039	43	384
36820	2095	6871	G	0.409	2.59	2915	24	169
36821	2095	6871	G	0.752	3.83	3925	31	299

**EXPLANATION**

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- Rock chip sample




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**REVISIONS**

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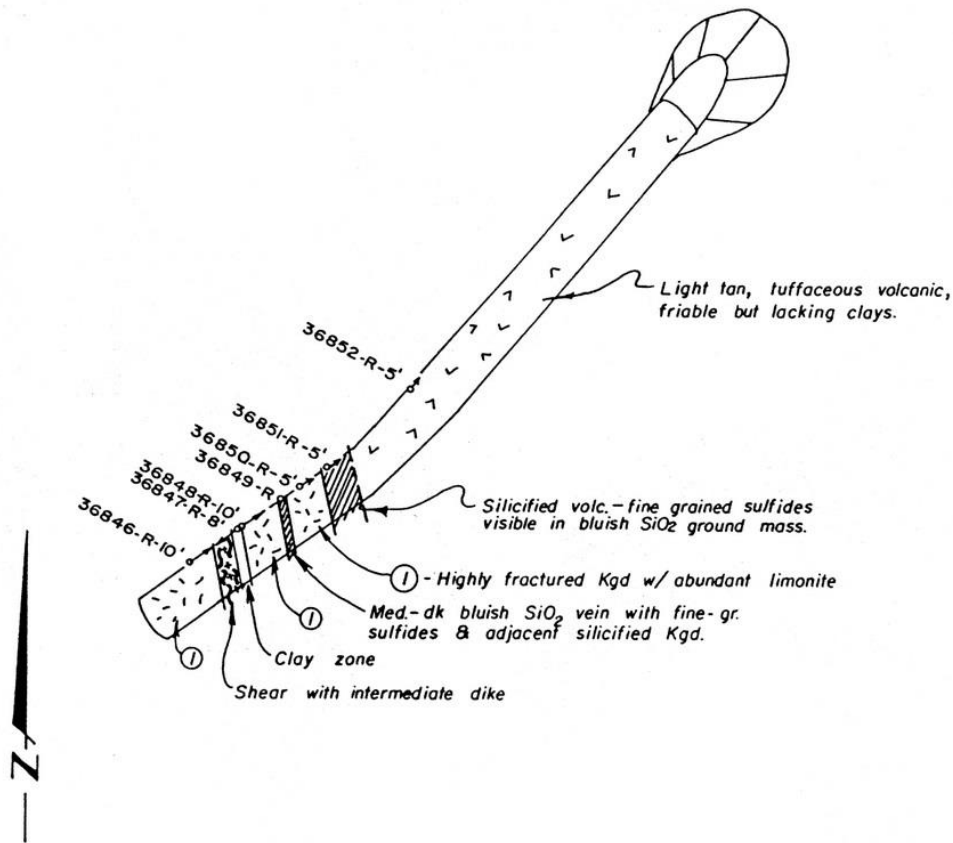
**RETREAT - ADVANCE PROJECT**  
**Trench 13**  
**GEOLOGY & SAMPLES**

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SCALE 1" = 50'    DATA BY M.B.    DRAWN BY A.K.T.    DATE 1/88    PLATE



Sample #	Location	Elevation (meters)	Elevation (feet)	Lithology	Au ppm	Ag ppm	As ppm	Sb ppm	Hg ppb
36846	T15	2075	6806	G	0.345	1.93	1565	19	227
36847	T15	2075	6806	G	0.052	0.40	443	23	180
36848	T15	2075	6806	G	0.492	4.28	2924	45	468
36849	T15	2075	6806	G	0.224	1.27	100	21	154
36850	T15	2075	6806	G	0.384	3.97	1629	13	175
36851	T15	2075	6806	G	0.370	1.43	1285	12	198
36852	T15	2075	6806	V	0.042	0.40	69	5	1

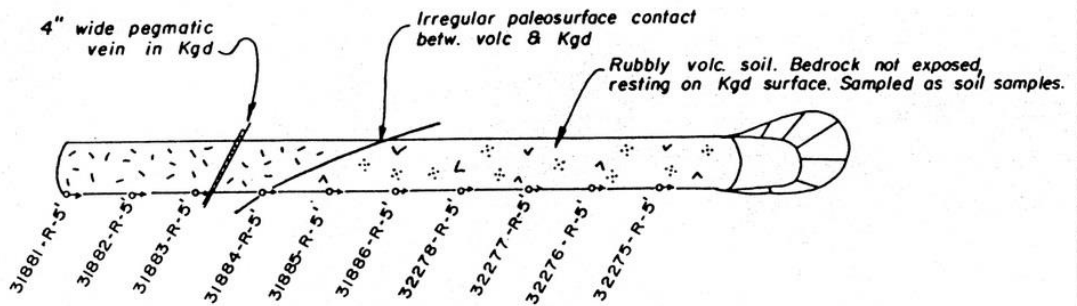


### EXPLANATION

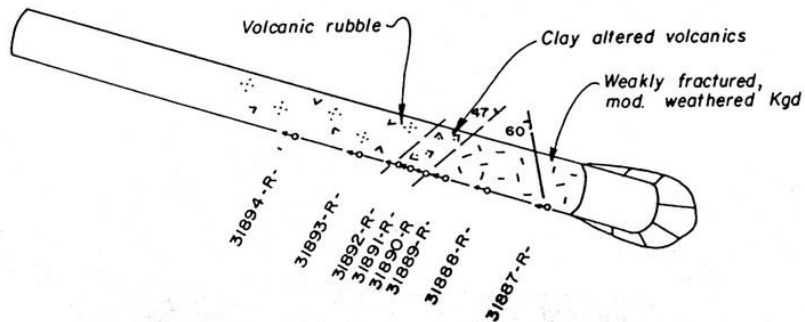
	Cretaceous granodiorite
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	Argillized, chloritized volcanics
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	Rubby talus
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	Fault shear
	Horizontal channel sample
	Rock chip sample



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	<b>RETREAT - ADVANCE PROJECT</b> <b>Trench 15</b> <b>GEOLOGY &amp; SAMPLES</b>		
SCALE 1" = 50'	DATE BY M.B.	DRAWN BY A.K.T.	DATE 1/88



Trench 16

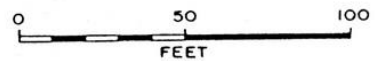


Trench 17

Sample #	Location	Elevation (meters)	Elevation (feet)	Lithology	Au ppm	Ag ppm	As ppm	Sb ppm	Hg ppb
31881	T16	2125	6970	K	0.095	0.61	325	5	232
31882	T16	2125	6970	K	0.164	0.77	404	5	196
31883	T16	2125	6970	K	0.062	0.62	305	5	102
31884	T16	2125	6970	V	0.103	0.91	377	5	112
31885	T16	2125	6970	V	0.069	0.43	341	5	92
31886	T16	2125	6970	V	0.101	0.42	351	5	141
32275	T16	2125	6970	V	0.159	0.80	227		
32276	T16	2125	6970	V	0.204	1.32	191		
32277	T16	2125	6970	V	0.220	1.13	185		
32278	T16	2125	6970	V	0.182	1.27	349		
31887	T17	2140	7019	G	0.062	0.46	370	7	240
31888	T17	2140	7019	G	0.110	1.15	806	5	198
31889	T17	2140	7019	G	0.363	0.86	1531	28	305
31890	T17	2140	7019	V	0.030	0.40	84	5	109
31891	T17	2140	7019	V	0.037	0.40	72	5	53
31892	T17	2140	7019	V	0.061	0.40	177	5	215
31893	T17	2140	7019	V	0.046	0.40	183	5	59
31894	T17	2140	7019	V	0.028	0.40	181	5	12

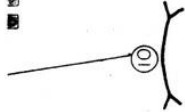
EXPLANATION

- Kgd Cretaceous granodiorite
- Volcanics
- Silicified volcanics
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- Intrusives
- Rubbly talus
- Vein
- Fault shear
- 31581-R-5' Horizontal channel sample
- 32277-R Rock chip sample



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REVISIONS	<b>RETREAT - ADVANCE PROJECT</b> <b>Trenches 16 and 17</b> <b>GEOLOGY &amp; SAMPLES</b>
SCALE 1" = 50'	DATA BY M.B.    DRAWN BY A.K.T.    DATE 1/88    PLATE

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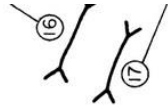
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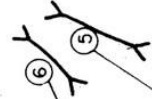
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