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GEOLOGIC RECONNAISSANCE OF THE RIM CLAIM GROUP

SECS. 28 AND 32, T.34N, R. 39E

SONOMA RANGE

HUMBOLDT COUNTY, NEVADA

by

Neill H. (Vic) Ridgley

August, 1988

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Introduction

This is a brief report on a geologic and rock sample reconnaissance conducted on a portion of the central Sonoma Range in western Humboldt County. I conducted regional mapping in portions of Secs. 28, 29, 32 and 33, T.34N, R.39E between 7/28/88 and 8/5/88. In conjunction with the mapping, I collected 111 samples for geochemical analyses (Au, Ag, Hg, Sb, As) in the areas held by lode mining claim (Secs. 28 and 32). I also made a cursory examination of the quadrant immediately northeast of the claimed property (i.e. Secs. 22, 23, 26, 27).

Location and Access

The property consists of 72 lode mining claims (Rim Group) located approximately 13 miles SSE of Winnemucca, Nevada.

Two routes provide varying access to the property. On the east side of the Sonoma Range, an unmaintained dirt road leads from the townsite of Adelaide and passes southwest up Layson Canyon to Stony Basin. From there, other trails lead to the center of Sec. 22, a point about 1/2 mile from the northeast corner of the study area.

On the west side of the Sonoma Range, a graded rock road (Grass Valley Road) leads south to the Clear Creek Canyon turnoff. At the turnoff, the road turns east and heads into Clear Creek Canyon for about 4 miles before turning north and continuing for another 3 miles into the south end of Sec. 32. Of these final 7 miles, the last 5 are the worst; the road is a deteriorated track which winds along and across the bed of Clear Creek. The trail is passible now (8/88), but is likely to suffer partial destruction in the next flash flood.

Geologic Setting

The central Sonoma Range is cored predominantly by Ordivician Valmy Formation, a deep-water unit of the "western silicic facies assemblage" of central Nevada. The Valmy generally consists of cherts, silts, quartzites and greenstones.

The property straddles a line connecting inactive workings of the Midway Group in Bacon Canyon to the WSW, and newly activated bulk-tonnage gold workings in the Adelaide townsite area to the ENE.

Local Geology

The Rim Claim group property can be considered to contain three tracts:

- a large wedge of greenstone on the east, pointing south. The wedge is nearly 2 miles wide at the latitude of Section 28, and appears to apex southeast of Sec. 32.

- a central belt of siltstone, chert and cherty siltstone, extending NNW through Secs. 32 and 29, and averaging 1/3 to 1/2 mile in width.
- another area of greenstone (of undefined shape) on the west.

Structural and Contact Relationships

The basic geologic contacts (between greenstone on the west, siltstone in the center, and greenstone on the east) were located based on lithologies at sample sites. To my knowledge, no contact is actually exposed.

The contact between greenstone on the east and the central belt of siltstone is well defined and somewhat predictable. It defines a plane dipping East at about 40°, and suggests that the eastern greenstone is both conformable with, and structurally above, the siltstone.

The "lower" (western) contact of siltsone with the western tract of greenstone is enigmatic. In the southern half of Sec. 32, the contact is well-controlled by sampling, and proves to be sinuous. From there northward, however, the contact is nearly impossible to locate because of soil cover, and could be interpreted as a straight forward depositional or faulted contact.

Since the two greenstone tracts flank the central siltstone, it is not clear whether the terrain is:

(a) a breached anticline of greenstone, cored by subjacent siltstone, or

(b) a homoclinal succession of eastward-dipping greenstone-siltstone-greenstone.

Adding to the uncertainty is the fact that the majority of the few strikes and dips suggests that, in the main, the succession strikes E-W and dips gently to moderately northward.

Lithology and Alteration

The greenstone tracts on the east and west side of the property are dominated by a light to medium, forest green, fine-grained basalt (?) carrying 1 mm phenocrysts of saussuritized plagioclase. Commonly, the weathered surfaces are oxidized to a light-rusty brown. Internally, the rock may exhibit any one or more of the following features:

- pyrite, either disseminated (primary), or fracture-controlled (secondary; these instances are always oxidized);

- multiple oblique fracture systems filled with limonite;

- liesegang banding by limonite;

- fracture surfaces coated with white calcite;

- irregular, coarse masses and nodules of coarse-grained greyish-white calcite.

One sample of greenstone (#5924) was observed to be cut by a small fracture zone containing hematite-epidote-jarosite (?) along with BB-sized grains of black silica in an epidote matrix.

As a generalization, the freshest greenstone underlies the main hill in Section 28, although fresh greenstone does occur elsewhere. The rock appears to be petrologically unremarkable, except for sample #5949 which exhibits a nice example of a 9" diameter pillow rimmed by a thin rind of calcite.

The central siltstone tract actually contains a variety of rock types, all grouped together on the geologic map.

These include:

- massive grey to black chert, prevalent on the lower slopes east of Clear Creek in SE Sec 32;

- tan to pink quartzite, capping the 1984 summit in Sec. 32 (shown separately on the map);

- light olive-green, fine-grained sandstone with chalky feldspar and somewhat clayey volcanic matrix (greywacke?), found scattered on the intermediate slopes of the hill in central Sec. 32;

- sericitic schist, found about 800' south of the 1984 summit in Sec. 32;

- black cherty siltstone, widely found;

- tan siltstone to fine-grained sandstone, also widely found.

Alteration normally seen in the "siltstone" belt normally includes:

- weak limonite development, either as coatings on bedding planes, fractures, or as liesgang bands;

- in chert, anastomosing or conformable veinlets of white quartzite;

- in chert, fracture-controlled thin selvages of white calcite;

- in sericitic schists and siltstone, weak hematization.

Sampling

I collected 110 samples from the property, weighting most of the sampling toward Sec. 32, rather than Sec. 28 (entirely greenstone and relatively inaccessible).

After collecting 87 samples on a regional basis from both sections (#5901-5987), I collected follow-up sampling in the area of the siltstone tract I considered to be the most prospective: a 13-sample traverse on the east side of the main hill in Sec. 32 (#5988-6000), and a 10-sample group on the west side (#6001-6010).

For comparison purposes, I also collected a 111th sample labelled "control pit" from one of a series of trenches recently dug near Adelaide, in south central Section 23, off the property. At this trench, the siltstone is intensely hematized and partially silicified. I collected it to determine if it is geochemically anomalous, and if so, to see whether it bears any similarities to any of the 110 samples collected on the Rim Group.

Sample descriptions are appended to this report.

Recommendations

Further sampling on the Rim Group should be undertaken in light of results obtained in this initial geochemical survey.

FIELD NOTES - RIM CLAIM GROUP

SAMPLES #5901-6010

21 vert 145'
Rx 45

23 vert 50'
Rx 15, w

7/28 Decker - Winnemucca

5901 Rd: mixed Qser schist, fine gr equigranular ss, wk lim, wkly silic, occ lieseganq banding. 200' S of Knob, sec 32, along Rd.

5902 Rd: fg lt purple volc dike(?), wkly silic, wkly lim, in clayey fish-scale siltstone; coarse calcite pods nearby. 200' SE of Knob

5903 Rd: mg lt purple volc, chalky, perv lim, liesegang banded locally mixed w/ dense AXL gy silica float. 200' E of Knob, below 2 discovery posts

5904 Rd: ofc sheared olive green greenstone, limonitized foliation surfaces. Appears to be lens or boudin. NE of Knob

5905 Rd: green gy sericitic, heavily fx, heavily lim siltstone/mudstone, sme lim after sulfide
S 85°, D 70 N

5906 Summit of Knob. lt-med tan ~~[illegible]~~ crsly recrx ortho sandstone. Wk-mod limonitization on fx.

5907 S slope below knob. lt purple-lt tan, chalky vole(?) ss w/ abnt liesegang limonite

5908 500' S of 5901. Traverse ⊥ road. Mixed lt tan ss, psammitic schist, lt green gy, graywacke - all limonitized, mod fx, wk silic vnlts, some liesegang banding.

5909 500' S of 5908. Traverse ⊥ road. Mixed lt pk - lt bn ortho sandstone, clayey in part, abnt hem/lim mtx, local liesegang banding. Some lim after pyr.

5910 - 500' S of 5909. Traverse ⊥ road. Predominantly lt gy - lt gn chalky greenstone (qtz ss in wk clay mtx). V wk lim.

5911 500' S of 5910. Traverse ⊥ road. Black chert + cherty siltstone. Locally limonitic, w/ lim after pyr in internal voids.

5912 500' S of 5911. Traverse ⊥ road. Black chert (jasp?) + cherty siltstone. No lim, hem or 2° silica

5913. 500' S of 5912. Massive otc by bend in 4WD trail, Predominantly lt olive green greenstone, partly silicified by blk silica. Probably barren.

5914 Rd crosses ridge. Med-dk gy cherty siltstone, repl locally by massive 2° gy calcite. St O 85°, 30 N

7/29

5915 Nose of hill trending NW. Lt pink-lt green greenstone, perv coated w/ lim, minor fx internally w/ some lim.

5916 Same Traverse, 200' NW.
lt tan sandy siltstone. External lim, wk internal lim. Scatt coxcomb qtz unmat'l.

5917 S.T. 500 NW of 5916.
lt green-olive green greenstone. Rel fresh, local 2° calc vns.

5918 S.T. 1000' NW of 5917.
lt green-olive green greenstone. Ptly silicified w/ 2° 1/8" euhedral pyrite; scatt 2° calc vns.

5919. ST 300 W of 5918.
S.AA., but unaltered. Unflagged

5920 - E side of creek. Traverse up to double-post fence corner. Slope littered with qtz latite blocks. Isolated fragment blk cherty siltstone sampled. Minor internal limonite

5921 Slope N of fence line (E-W).
Mixed float assemblage of lt green greenstone, blk chert, cherty siltstone, all lim coated

5922 SE cor RPM 51/NE Rim 55
S.A.A.

5923 Below massive qtz on E edge of Sec 32 claim block. Lt gy volc (latite) w/ abnt hematized frac.

5924 Next ridge N. Near 2 big trees. Locally, intensely hematized zone in lt gy volc, showing minor lim, minor epidote, ± jarosite, ± black silicification

5925. Down slope on this ridge. Tiny otc in-place tan, perv limonitized, fish-scale siltstone St O 140, 50 NE

5926 Downslope, just above Clear Creek. Rubble area of pervasively lim. lt grey ser schist + lt green greenstone.

7/30

5927 50' above Clear Creek. Lge otc blk cherty siltstone, laced w/ lim/calc fractures.

5928 200' NNE of 5927. SAA.

5929 300' NNE of 5928. Black cherty siltstone w/ pervasive lim coating.

5930 300-500' NNE of 5929. Black cherty siltstone w/ contorted white Qtz vns

5931 500' + N of 5930. Just N of tiny NW-SE drainage. Lt green-gray greenstone, mildly silicified, 2% limonite, infrequent calc veins.

5932. 200 NW of 5931. Rel fresh lt gy-green greenstone, laced w/ 1mm sulfide/lim vnlts

5933 500' N of 5932. Small otc lt pk-lt tan intermediate volcanics, fine grained, partially veined w/ limonite, sme pcs totally hematized.

5934 - Creek bottom. Small otc lt green, lim veined siltstone. S+D 50, 85 SE

5935. Creek bottom. Small otc tan cherty siltstone S+D 50, 40 SE

5936 E-W Ridge, W edge sec 28. otc fresh greenstone

5937 SE of Ridge typ. SAA

5938. SE of 5937. S.A.A.

5939 N of 5938. Otc fresh greenstone or f.g. granodiorite, partly silicified.

5940 W of 5939. Otc greenstone

7/31

5941 Creek bottom, S edge of sec 28 (Clear Creek)
Drab olive bn - olive green fish-scale siltstone, partly hematized matrix
S + D 15°, 90°

5942. C. Bottom. S edge of sec 28
lt olive green, fresh greenstone. w/ orthogonal calc vns.

5943 CB, E side.
SAA.

5944 CB, E side.
V fresh forest green greenstone (possibly granodiorite)

5945, CB, W side
Fresh forest green greenstone

5946, CB, E side. SAA, but locally intensely limonitized over 10' width. Zone trends E-W.

5947 CB E side. Rel fresh greenstone, lt forest green. Very weak external limonitization

8/1

5948 Creek bottom; traverse NNW up other creek. lt green rel fresh greenstone, 1-2% pyrite, saussuritized phenocrysts of plag. 2° calc on fx surfaces.

5949 CB. 200' N.
Dk med green greenstone - amygdaloidal (pillow basalt) w/ 9" pillow rimmed by calcite filling. Abnt sulfide casts (molds). Appnx S + D 115, 65N

5950. CB. 500' N.
Dk med green greenstone, lightly sulfidized, laced w/ coarse grey calcite masses.

5951. CB. 300' N.
SAA.

5952. CB. 400' N
Dk green greenstone, saussuritized
plag, lt'ly sulfidized, scatt.
calc vns + pods, partially
hematized fx surfaces

5953 CB 500' N.
Mixed greenstone/siltstone float.
Greenstone - lt green, altered plag, litely
sulfidized, veined w/ crs gray calc
Siltstone - pervasively limonitized, locally
stained w/ hematite, scattered Q
veins (1/4")

5954. CB. 500' N
Tan, limonitized siltstone w/
4" nodules blk chert, erratic
limonite development

5955. CB, 500' N.
Siltstone float, greenstone etc
[see 5953]

5956 CB, 500' N
Mont tan siltstone rubble from subcrop,
veined w/ occ calcite

5957 CB, 600' N
Talus slope of lt green lt pink
partially silicified siltstone, strongly
limonitized

5958 CB, 700' N
Fresh greenstone

5959 CB, 800' N
SAA

5960 CB 800' N
SAA

8/2

5961 W drainage, sec 32
lt tan - lt green sulfidized siltstone
laced w/ anastomosing lim vnlts
surrounding bx clasts 4"-6" diameter
bx zone N-S, 80 E

5962 W.O. 100' W
massive, blocky greenstone
laced w/ crs grey calc
masses

5963 W.O. 500' W at 1st major
bend to WNW. Lt green, v. punky +
friable hornblende granodiorite

5964 WO last major ctr before reaching
impenetrable thicket in creek bottom.
Lt green greenstone, v. alt.

5965. Ridgeline abv 5964
Rel fresh greenstone, 1-2% pyrite
Chalky plagioclase, locally bx w/
anastomosing rinds of limonite
S+D 40, 30 NW

5966 Ridgeline 500' NW. Partly
sericitized fine grained greenstone
w/ 1-2% fresh to oxidized pyr.
Scattered thin calc veins

5967 Ridgeline 500' NW.
1st outcrop of fine siltstone. Very
sericitic, clayey, muddy, contorted
bedding. Approx. St O 70, 30 N

5968 Ridgeline, next to grass saddle
Greenstone, rel fresh, minor fractures filled
w/ limonite, no sulfide, trace calc.

5969 Ridgeline, W of next local summit,
approx 600' N. SAA.

5970 Ridgeline next saddle, 800', base of
next + last big hill near section line
Greenstone, lightly limonitized w/ altered
plagioclase

5971 Hillslope S of 5970, about 1000' downslope.
S. A. A.

5972. Hillslope S of 5971, 800'.
Greenstone, rel fresh, 1-2% pyr.

8/3 Drive around E side Sonoma Range, attempt to enter sec 28 via Adelaide + 4WD tracks

Item (1) Meet B J Hanti of Target Const. States Adelaide being developed by Icans, sub of Grand Teton of Portland Oregon. Have 3 yrs reserves ready to pit. Stripping just beginning, will start in SW sec 18 + extend North.

All Rock being shot appears to be pink-stained sericite schist.

Item (2) Drive up canyon SW of Adelaide. Icans has put in 3 trenches on W side of summit in south central sec ~~at~~ 23. Contains Blk Fe ox stained siltstone + schistose siltstone. Sampled as "Control Pit"

Item (3) Icans has evidently run recent 200 geochem grid all the way out to SW corner sec 22 (NE sec 28)

5973 Inside NE corner sec 28, on point. Greenish-black partly silicified greenstone, <1% pyr.

5974. 200-300' down slope to South. S.A.A.

5975. 500' along contour to west, to nose of hill. S.A.A, minor lim on fractures.

8/4

5976 Hillslope facing South in sec 29. Blk, silicified siltstone/sandstone, totally limonitized w/ 2° Q veins, wk surface hematization

5977 Black cherty siltstone, replaced by sugary silica and veined erratically by lim after sulfide

5978 lt green-grey greenstone, partly silicified, no pyr, wk erratic lim stain, relatively fresh.

5979 Bleached, ~~pale~~ pale green greenstone with amorphous limonite bands, sulfide casts, 2° calcite

5980 Nose of hill.
Slickensided, micro brecciated light green greenstone, coated w/ polished limonite

5981 Creek below nose of hill.
Med green fresh greenstone w/ calcite repl plagioclase phenocrysts.

5982 Intermediate spur between 2 large spurs.
lt brown, weakly oxidized pale green fine grained greenstone

5983 Pale green weakly limonitized fine grained greenstone

5984 Slope on NW part sec 28.
Med green fg greenstone, unaltered

5985. Ctr drainage E of Clear Creek
SAA

5986 Slope heading SE from Clear Creek
Med green greenstone, wkly limonitized

5987 Knob facing Clear Creek.
SAA.

8/5. Traverse N along contour from #5911 in sec 32

5988 100' Black (silty) chert.
Abnt lim after sulfide in matrix.
1/4 Q veins parallel to bedding

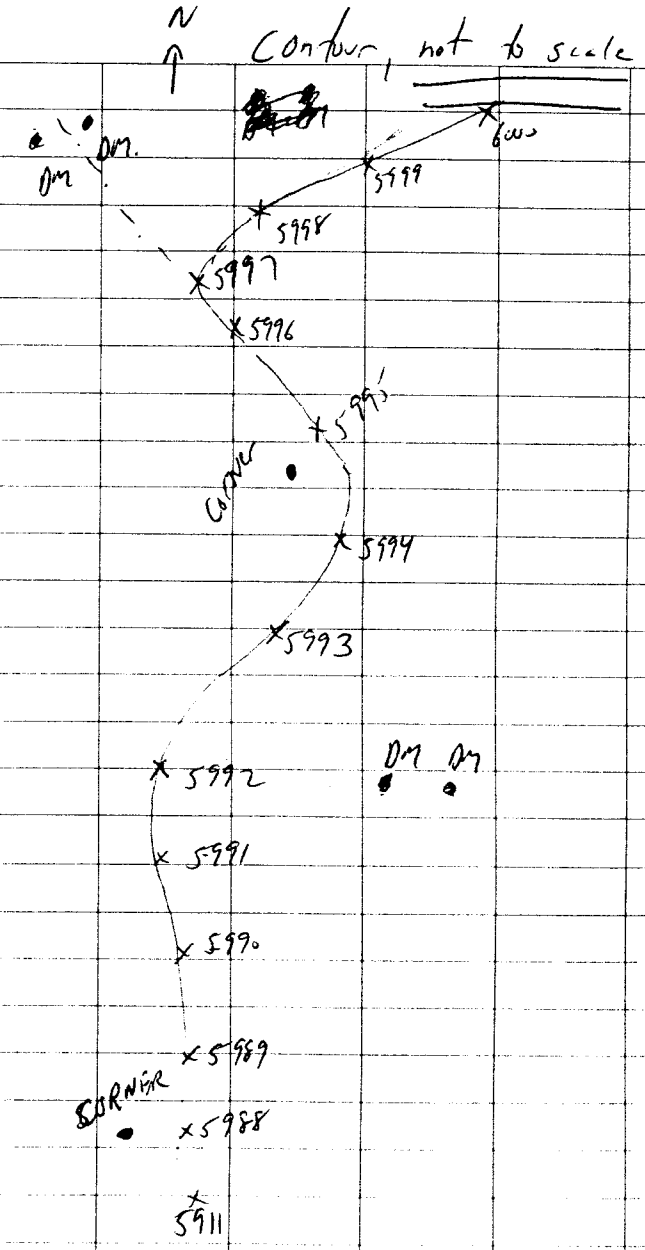
5989. 75' N of 5988
Black chert broken by micro fractures filled w/ black silica; heavily limonitized siliceous gy siltstone

5990. 75' N of 5989
SAA

5991 ~~100~~ 75' N of 5990
Black banded chert w/ limonite units after sulfide, 2° silica parallel to banding.

5992. ~~100~~ 75' N of 5991
lt tan, lt greenish-gy siltstone, litely limonitized w/ minor liesegang banding

5993. 150' N of 5992, on bare slope
lt tan, lt greenish-gy clayey siltstone, locally strongly limonitized after dissem. sulfide



5994 100' N of 5993
lt tan matrix-silicified m. gr. Sandstone, cut by 2° grey silica vnlts, very thin limonite vnlts

5995 150' N of 5994.
SAA, but much more heavily silicified and more extensive limonite veining.

5996 100' N of 5995.
SAA.

5997 In drainage, 100' N of 5996.
lt greenish gy siltstone partially veined w/ limonite and locally hematized on fracture surfaces.

5998 100' E of 5997.
SAA.

5999. 200' E of 5998
Predom lt greenish gy med gr. Sandstone partly limonitized, mixed w/ brecciated fragments black chert

6000 400' NE of 5999
lt greenish gy med gr Sandstone, abundant limonite veining, secondary vuggy Quartz veins; some brecciation and crustic silicification

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"Central Pit" Sample from Southernmost of 3 trenches in southcentral sec 23, 1 Mile ENE of sec 28 Rim Claims: predominantly strongly hematized siltstone, locally stained w/ black Fe oxides

Traverse NNW from 5911 in Sec 32, W side of fence line Rd

6001 200' NNW of 5911
Black chert w/ v abnt pervasive lim sth, Q vns parallel to bedding

6002 100 NNW 6001
SAA

6003 100' NNW 6002
SAA

6004 100' NNW 6003
SAA

6005. 100' NNW 6004
Slightly iridescent purplish-blush siltstone. Somebody dug a very tiny prospect pit here

6006 100' NNW of 6005
Black chert and contorted black cherty siltstone w/ disseminated limonite and crosscutting wh. Quartz veins

6007 Black cherty siltstone + lt green to lt brown fg chalky sandstone (greywacke) weakly limonitized. 100' NNW of 6006

6008 100' NNW of 6007.
lt green to lt brown chalky fine grained sandstone (greywacke) w/ abnt disseminated limonite

6009 100' NNW of 6008
Scattered fragments of black chert laced w/ 1 mm white Qtz veins (Subcrop is probably white orthoquartzite)

6010 120' NNW of 6009.
SAA, black chert laced w/
1 mm Q veins and locally
sheets of limonite on fractures,
with same subcrop (white orthoquartzite).
Outcrops of greenstone
begin just beyond 6010
and continue up drainage on
W slope of hill.

Chemex Labs Inc.
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CERTIFICATE A8820577

DECKER, MR. DONALD J.
PROJECT : 185
P.O.# :

Samples submitted to our lab in Sparks, NV.
This report was printed on 20-AUG-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	111	Rock Geochem: Crush,split,ring

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	111	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
6	111	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.2	200
13	111	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
20	111	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
22	111	Sb ppm: HCl-KClO3 digest. extrac	AAS-BKGD CORR	0.2	1000

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Project : 185
Comments: CC: VIC RIDGLEY

Page No :
Tot. Pages :
Date : 20-AUG-88
Invoice # : I-8820577
P.O. # :

CERTIFICATE OF ANALYSIS A8820577

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm Aqua R	As ppm	Hg ppb	Sb ppm
5901	205	--	< 5	0.1	9	90	0.5
5902	205	--	< 5	0.1	10	140	1.0
5903	205	--	< 5	0.1	9	170	1.4
5904	205	--	< 5	0.1	5	150	0.4
5905	205	--	< 5	0.1	5	140	0.8
5906	205	--	< 5	0.1	5	70	0.4
5907	205	--	< 5	0.1	9	60	0.4
5908	205	--	< 5	0.1	3	110	0.1
5909	205	--	< 5	0.1	4	80	0.4
5910	205	--	< 5	0.1	5	100	0.4
5911	205	--	< 5	0.1	19	150	9.0
5912	205	--	< 5	0.1	6	670	3.8
5913	205	--	< 5	0.1	4	80	0.2
5914	205	--	< 5	0.1	4	700	1.0
5915	205	--	< 5	0.1	3	240	1.8
5916	205	--	< 5	0.1	25	260	9.0
5917	205	--	< 5	0.1	3	90	0.2
5918	205	--	< 5	0.1	3	50	0.1
5919	205	--	< 5	0.1	3	50	0.1
5920	205	--	< 5	0.1	14	60	1.2
5921	205	--	< 5	0.1	4	70	0.4
5922	205	--	< 5	0.1	3	50	0.4
5923	205	--	< 5	0.1	10	80	1.0
5924	205	--	< 5	0.1	420	2600	1.6
5925	205	--	< 5	0.1	17	100	1.6
5926	205	--	< 5	0.1	6	110	1.0
5927	205	--	< 5	0.1	5	100	1.0
5928	205	--	< 5	0.1	9	50	1.4
5929	205	--	< 5	0.1	7	60	3.2
5930	205	--	< 5	0.1	10	110	2.8
5931	205	--	< 5	0.1	4	60	1.0
5932	205	--	< 5	0.1	3	50	0.4
5933	205	--	< 5	0.1	4	30	0.4
5934	205	--	< 5	0.1	10	160	1.2
5935	205	--	< 5	0.7	12	390	2.2
5936	205	--	< 5	0.1	3	50	0.2
5937	205	--	< 5	0.1	3	40	0.1
5938	205	--	< 5	0.1	6	30	0.1
5939	205	--	< 5	0.1	4	30	0.1
5940	205	--	< 5	0.1	3	20	0.1

CERTIFICATION : Hart Bichler

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SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm Aqua R	As ppm	Hg ppb	Sb ppm
5941	205	--	< 5	0.2	6	100	1.4
5942	205	--	< 5	0.1	3	40	0.4
5943	205	--	< 5	0.1	3	20	0.4
5944	205	--	< 5	0.1	3	20	0.2
5945	205	--	< 5	0.1	4	20	0.2
5946	205	--	5	0.3	570	20	17.4
5947	205	--	5	0.1	9	10	0.6
5948	205	--	< 5	0.1	4	30	0.2
5949	205	--	< 5	0.1	3	20	0.2
5950	205	--	< 5	0.1	3	30	0.2
5951	205	--	< 5	0.1	5	60	1.0
5952	205	--	< 5	0.1	9	30	0.2
5953	205	--	< 5	0.1	24	160	6.4
5954	205	--	< 5	0.1	11	200	3.2
5955	205	--	5	0.1	10	410	2.8
5956	205	--	< 5	0.1	15	540	3.4
5957	205	--	< 5	0.1	9	150	1.4
5958	205	--	< 5	0.1	4	60	0.4
5959	205	--	< 5	0.1	4	50	0.4
5960	205	--	< 5	0.1	4	50	0.2
5961	205	--	< 5	0.1	5	80	1.2
5962	205	--	< 5	0.1	3	40	0.2
5963	205	--	< 5	0.3	3	20	0.2
5964	205	--	< 5	0.1	5	40	0.4
5965	205	--	< 5	0.1	5	120	1.0
5966	205	--	< 5	0.1	12	130	0.6
5967	205	--	< 5	0.1	22	70	1.4
5968	205	--	< 5	0.1	4	70	0.6
5969	205	--	< 5	0.1	5	90	0.2
5970	205	--	< 5	0.1	3	90	0.2
5971	205	--	< 5	0.1	4	80	0.4
5972	205	--	< 5	0.1	3	60	0.2
5973	205	--	< 5	0.3	4	30	0.2
5974	205	--	< 5	0.5	3	20	0.2
5975	205	--	< 5	0.4	3	20	5.0
5976	205	--	15	0.1	27	110	4.0
5977	205	--	< 5	0.1	16	350	0.2
5978	205	--	< 5	0.1	3	80	0.2
5979	205	--	< 5	0.1	7	40	0.2
5980	205	--	< 5	0.1	240	220	18.0

CERTIFICATION : Hart Bichler

Chemex Labs Inc.
Analytical Chemists * Geochemists * Registered Assayers
994 WEST GLENDALE AVE., SUITE 7, SPARKS,
NEVADA, U.S.A. 89431
PHONE (702) 356-5395

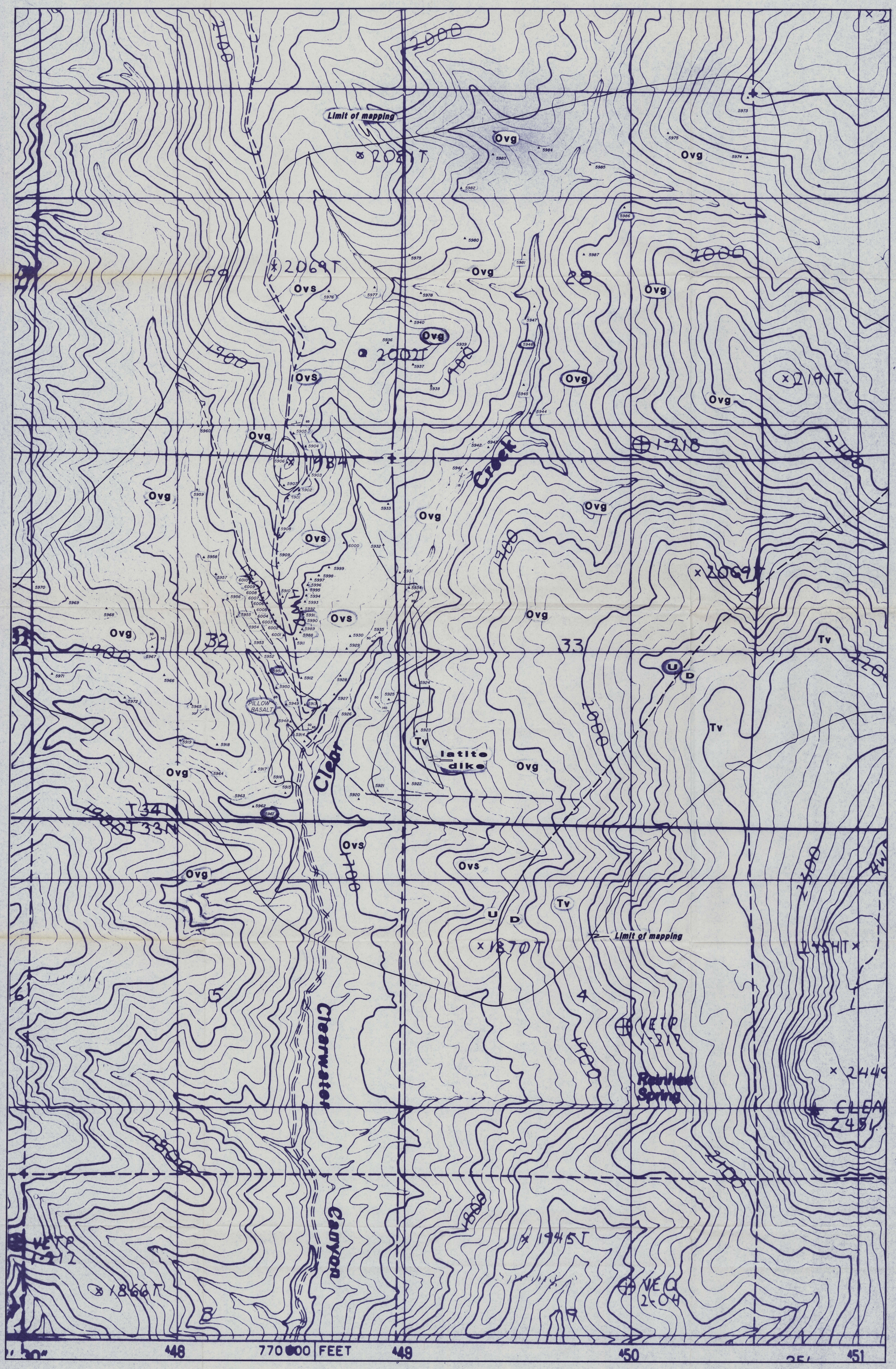
T ECKER, MR. DONALD J.
P.O. BOX 1440
LAMOILLE, NEVADA
89828
Project : 185
Comments: CC: VIC RIDGLEY

Date : 20-AUG-88
Invoice # : I-8820577
P.O. # :

CERTIFICATE OF ANALYSIS A8820577

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm Aqua R	As ppm	Hg ppb	Sb ppm
5981	205	--	< 5	0.1	4	40	0.2
5982	205	--	< 5	0.1	3	50	0.1
5983	205	--	< 5	0.1	3	40	0.2
5984	205	--	< 5	0.1	3	40	0.2
5985	205	--	< 5	0.1	3	30	0.1
5986	205	--	< 5	0.1	3	30	0.1
5987	205	--	< 5	0.1	3	20	0.1
5988	205	--	15	0.4	14	200	5.4
5989	205	--	< 5	0.1	3	70	0.4
5990	205	--	5	0.4	14	110	2.2
5991	205	--	5	0.1	12	130	2.6
5992	205	--	< 5	0.2	4	50	0.4
5993	205	--	< 5	0.1	3	100	0.1
5994	205	--	< 5	0.1	3	60	0.2
5995	205	--	< 5	0.1	3	60	0.2
5996	205	--	< 5	0.1	3	100	0.1
5997	205	--	< 5	0.1	5	70	0.4
5998	205	--	< 5	0.1	5	100	0.8
5999	205	--	5	0.1	6	80	1.0
6000	205	--	< 5	0.1	5	130	0.8
6001	205	--	15	0.6	17	180	6.4
6002	205	--	10	0.7	73	150	8.4
6003	205	--	< 5	0.2	19	110	4.8
6004	205	--	5	0.3	46	130	11.0
6005	205	--	10	0.7	30	150	5.0
6006	205	--	20	0.7	39	240	18.0
6007	205	--	< 5	0.4	29	140	7.0
6008	205	--	< 5	0.1	7	70	1.6
6009	205	--	30	0.3	290	300	8.4
6010	205	--	20	0.5	440	400	32.0
CONTROL PIT	205	--	50	0.2	470	750	70.0

CERTIFICATION : Hart Bichler



Reconnaissance Geology and Sample Locations

Rim Claims; Secs 28 & 32, T34N, R39E

Sonoma Range, Humboldt County, Nevada

500 0 500 1000 1500

SCALE IN FEET

EXPLANATION

- Tv Tertiary volcanics, predominantly latite
- Ovg Ordovician Valmy Greenstone
- Ovq Ordovician Valmy Quartzite
- Ovs Ordovician Valmy Siltstone

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item 50