5/15/87

Secret Canyon Area - N. Ollings
Washoe Co., Nevada

APPENDIX — SAMPLE DESCRIPTIONS

Location ¼	Sec	T-N	R-E	Sample Number	Type	Analysis - Geochem (ppm) or Assay Au	Ag		Au ¾	Ag ¾			Rock and Description
SE	20	22	23	SC-1	Rock	.135	1.3						Rhyodacite ±bx - Composite of face ~4' across with silicified and bleached/sheared blocks + minor Feox stain; struct N68W, 80° SW. 4' — Elev: 5720
SE				SC-2		.190	3.8						Silic. bx. - narrow rib ~2' across; mod. bleached & Feox stained. N68W, 80° SW struct. 2' — Elev: 5720
SE				SC-3		.130	1.3						Silic bx — rounded + angular frags. ¼-1", silic. matrix supported, tr. pyrite (pale color) + mod. Feox. Select Dump — Elev: 5720
SE				SC-4		-.01	-.1						Rhyodacite - strongly bleached, streaked by Feox. Dump — Elev: 5800
NE				SC-5		.570	1.1		.011	.02			Rhy.? Silicified massive fine gr., pale green color; tr. Feox after py. Dump — Elev: 5920
NE				SC-6		34.3	0.6		1.087	.21			Gossan. Dump — Elev: 5920
NE				SC-7		.025	1.9						Rhyodacite - fine fragmental tuff. Silicified, bleached + Feox. local stwk qtz veinlets on fractures, tr. celadonite. N55W, vert. 4' — Elev: 5930
NE				SC-8		.010	2.1						Silicified zone ½-1' wide grey-brn cutting grn., wk.-bleached andesite. ~2' — prospect cut — Elev: 5950
NE				SC-9		8.350	16.0		.233	.35			Silicified mat'l. Dump — prospect cut — Elev: 5950
NE				SC-10		.540	6.6		.020	.31			Silicified mat'l - str. stwk qtz veining + vuggy fillings. mod Feox w/ tr. remnant py visible. Dump — at major adit — Elev: 6020
NE				SC-11		2.400	10.1		.097	.39			Silicified mat'l - stwk qtz vein + str. Feox stain. Dump — at upper shaft opening — Elev: 6040
NW				SC-12		.170	1.9						Andesite - grn, coarse porph., str. Feox stained w/ silica along narrow N65W trending fissure struct. prospect pit — Elev: 6230

R= Rock outcrop F= Float D= Dump S= Soil SS= Stream Sediment

ND = Not Detected — = Less Than

5/15/87

Secret Canyon Area - N. Ollinghouse Dist.
Washoe Co., Nevada

APPENDIX — SAMPLE DESCRIPTIONS

Location				Sample		Analysis - Geochem (ppm) or Assay							Rock and Description
¼	Sec	T-N	R-E	Number	Type	Au	Ag		Au oz/T	Ag oz/T			
SE	20	22	23	SC-1	Rock	.135	1.3						Rhyodacite ±bx - Composite of face ~4' across with silicified and bleached/sheared blocks + minor Feox stain; struct. N68W, 80° SW — Elev: 5720
SE				SC-2		.190	3.8						Silic. bx. - narrow rib ~2' across; mod. bleached & Feox stained; N68W, 80° SW struct. — Elev: 5720
SE				SC-3		.130	1.3						Silic bx — rounded + angular frags. ¼"-1", silic. matrix supported, tr. pyrite (pale color) + mod. Feox — Elev: 5720
SE				SC-4		- .01	- .1						Rhyodacite - strongly bleached, streaked by Feox — Elev: 5800
NE				SC-5		.570	1.1		.011	.02			Rhy.? Silicified massive fine gr., pale green color; tr. Feox after py — Elev: 5920
NE				SC-6		34.3	0.6		1.087	.21			Gossan — Elev: 5920
NE				SC-7		.025	1.9						Rhyodacite - fine fragmental tuff. Silicified, bleached + Feox, local stwk qtz veinlets on fractures, tr. celadonite N55W, vert. — Elev: 5930
NE				SC-8		.010	2.1						Silicified zone ½-1' wide grey-brn cutting grn., wk.-bleached andesite prospect cut — Elev: 5950
NE				SC-9		8.350	16.0		.233	.35			Silicified mat'l — prospect cut — Elev: 5950
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R= Rock outcrop F= Float D= Dump S= Soil SS= Stream Sediment ND = Not Detected - = Less Than

PARCEL #	OWNER NAME/ADDRESS	SITUS ADDRESS
	RENO NV 89509	DOC DATE - 07/26/96
079-130-10	ALTA GOLD CO, 1525 E NEWLANDS DR #1 FERNLEY NV 89408	PYRAMID LAKE HY DOC # - 02077021 DOC DATE - 03/04/97
079-130-11	ALTA GOLD CO, 1525 E NEWLANDS DR #1 FERNLEY NV 89408	PYRAMID LAKE HY DOC # - 02077021 DOC DATE - 03/04/97
079-130-12	ALTA GOLD CO, 1525 E NEWLANDS DR #1 FERNLEY NV 89408	PYRAMID LAKE HY DOC # - 02077021 DOC DATE - 03/04/97
079-130-13	ALTA GOLD CO, 1525 E NEWLANDS DR #1 FERNLEY NV 89408	PYRAMID LAKE HY DOC # - 02077021 DOC DATE - 03/04/97

PRESS RETURN TO CONTINUE OR 'Q' TO QUIT...
N

OWNER/PARCEL REPORT

DATE: 05/26/99 PAGE: 4

PARCEL #	OWNER NAME/ADDRESS	SITUS ADDRESS
079-130-14	ALTA GOLD CO, 1525 E NEWLANDS DR #1 FERNLEY NV 89408	DOC # - 02077021 DOC DATE - 03/04/97
079-130-15	ALTA GOLD CO, 1525 E NEWLANDS DR #1 FERNLEY NV 89408	PYRAMID LAKE HY DOC # - 02077021 DOC DATE - 03/04/97
079-130-16	UNITED STATES OF AMERICA, 00000	PYRAMID LAKE HY DOC # - MEMO DOC DATE - 02/04/75
079-130-17	UNITED STATES OF AMERICA, 00000	DOC # - MEMO DOC DATE - 02/04/75

PRESS RETURN TO CONTINUE OR 'Q' TO QUIT...
N

PROTRACTED FROM PATENT SURVEY 4230

Mount

MORNING STAR EXTENSION

CROWN POINT

COWLES ET AL

WHITE HILL #2

MORNING STAR

DENVER

GOLD QUEEN

Prospects

REDSTONE #2

GRANITE

BAY STATE

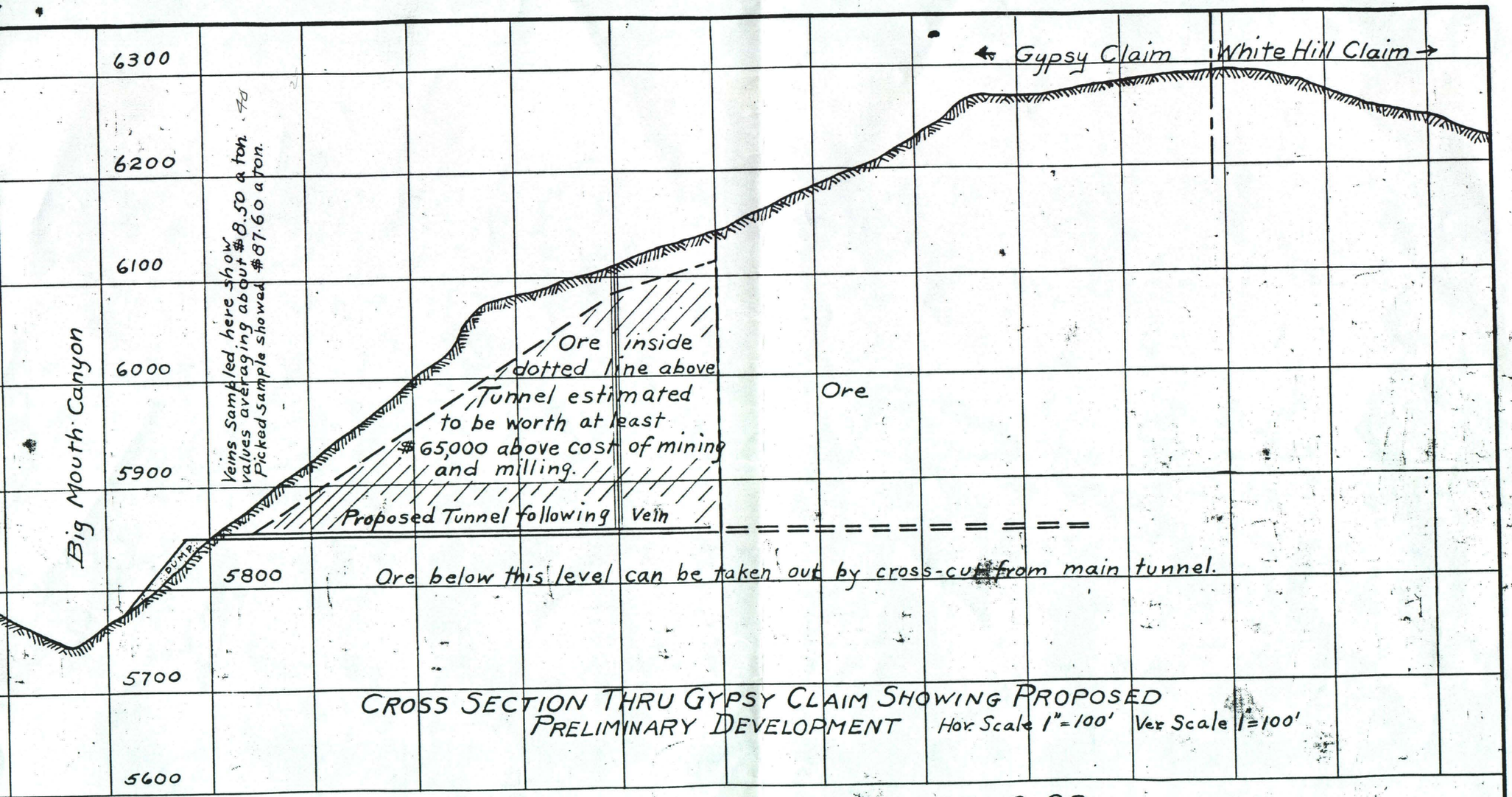
BAY STATE #2

BAY STATE #3

BAY STATE #4

WILSON ET AL

ecret



CROSS SECTION THRU GYPSY CLAIM SHOWING PROPOSED PRELIMINARY DEVELOPMENT Hor. Scale 1"=100' Ver. Scale 1=100'

BAY STATE-NEVADA GOLD MINING CO.
SKETCHES SHOWING PROPOSED DEVELOPMENT

R B Holmes - Mining Engineer.

Secret Canyon

Claire Vogt 1956

Ingrid 747-6576

6/22/39 EMMA L LODE – BAY STATE MINING CORP

Recently re-opened

1932 leased to Parker Liddell by Champion Whitehorse Mines Co.

MSP V 44 p231 1882 Secret Canyon

ROBERT I. & MARY D. COWLES	5/8
EDWARD COMER	1/8
VIRGINIA D. VIERRA	1/8
DOROTHY FARNANDEZ	1/8

HUNTER MINING LABORATORY, INC.

994 GLENDALE AVENUE • SPARKS, NEVADA 89431 • TELEPHONE: (702) 358-6227

REPORT OF ANALYSIS

Submitted by:

BRISTLECONE MINING CO.
Jules LaPrairie
2525 SHARON WAY
RENO, NEVADA 89509

Date: May 26, 1987

Laboratory number: 30512

Analytical Method: AA
Fire AT

Your Order Number:

Report on: 12 Samples, rock

Sample Mark	Gold ppm	Silver ppm	Gold oz/ton	Silver oz/ton
SC-1	0.135	1.3		
SC-2	0.190	3.8		
SC-3	0.130	1.3		
SC-4	-0.010	-0.1		
SC-5	0.570	1.1	0.011	0.02
SC-6	34.300	0.6	1.087	0.21
SC-7	0.025	1.9		
SC-8	0.010	2.1		
SC-9	8.350	16.0	0.233	0.35
SC-10	0.540	6.6	0.020	0.31
SC-11	2.400	10.1	0.097	0.39
SC-12	0.170	1.9		

HUNTER MINING LABORATORY, INC.

H. H. Scales

H. H. Scales

ppm = parts per million. **oz/ton** = troy ounces per ton of 2000 pounds avoirdupois. **percent** = parts per hundred. **fineness** = parts per thousand. **ppb** = 0.001 ppm. Read — as "less than". 1 oz/ton = 34.286 ppm. 1 ppm = 0.0001% = 0.029167 oz/ton. 1.0% = 20 pounds/ton.

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3440 0024

OWNER/PARCEL REPORT

DATE: 05/26/99 PAGE: 1

PARCEL #	OWNER NAME/ADDRESS	SITUS ADDRESS
079-130-01	COWLES, ROBERT I & MARY D TR ETAL 1130 FAIRFIELD AV RENO NV 89509	PYRAMID LAKE HY DOC # - 02015664 DOC DATE - 07/26/96
079-130-02	COWLES, ROBERT I & MARY D TR ETAL 1130 FAIRFIELD AV RENO NV 89509	PYRAMID LAKE HY DOC # - 02015664 DOC DATE - 07/26/96
079-130-03	COWLES, ROBERT I & MARY D TR ETAL 1130 FAIRFIELD AV RENO NV 89509	PYRAMID LAKE HY DOC # - 02015664 DOC DATE - 07/26/96
079-130-04	COWLES, ROBERT I & MARY D TR ETAL 1130 FAIRFIELD AV RENO NV 89509	PYRAMID LAKE HY DOC # - 02015664 DOC DATE - 07/26/96
079-130-05	COWLES, ROBERT I & MARY D TR ETAL	PYRAMID LAKE HY

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N

OWNER/PARCEL REPORT

DATE: 05/26/99 PAGE: 2

PARCEL #	OWNER NAME/ADDRESS	SITUS ADDRESS
	1130 FAIRFIELD AV RENO NV 89509	DOC # - 02015664 DOC DATE - 07/26/96
079-130-06	COWLES, ROBERT I & MARY D TR ETAL 1130 FAIRFIELD AV RENO NV 89509	PYRAMID LAKE HY DOC # - 02015664 DOC DATE - 07/26/96
079-130-07	COWLES, ROBERT I & MARY D TR ETAL 1130 FAIRFIELD AV RENO NV 89509	PYRAMID LAKE HY DOC # - 02015664 DOC DATE - 07/26/96
079-130-08	COWLES, ROBERT I & MARY D TR ETAL 1130 FAIRFIELD AV RENO NV 89509	PYRAMID LAKE HY DOC # - 02015664 DOC DATE - 07/26/96
079-130-09	COWLES, ROBERT I & MARY D TR ETAL 1130 FAIRFIELD AV	PYRAMID LAKE HY DOC # - 02015664

PRESS RETURN TO CONTINUE OR 'Q' TO QUIT...
N

OWNER/PARCEL REPORT

DATE: 05/26/99 PAGE: 3

and pyrite occur in the vein material. Ore mined in 1910 contained $15 to $40 per ton (gold at $20.65/oz.) in gold.

Tiger Group

The Tiger group is located near the head of Tiger Canyon, approximately 1¼ miles north of Olinghouse (Hill, 1911, p. 105). The workings, consisting of a 600-foot tunnel and a shaft 150 feet deep with drifts at the 75-and 150-foot levels, explore a N. 30° E. trending mineralized fault zone. Vein quartz with pyrite and chalcopyrite occurs in the fault zone. The fault zone forms the contact between a granodiorite porphyry dike and andesite of the Chloropagus Formation.

Buster Mines

The Buster mines are located on the divide between Frank Free and Tiger Canyons, in the footwall block of the Olinghouse fault. A large, irregularly shaped body of granodiorite porphyry intrudes andesites of the Chloropagus Formation in the mine area. The mine workings explore north-trending altered and silicified zones along the contact between the intrusive body and the andesites.

The principal mineralized zones occur on the Maciza and Dispensia claims. A north-trending quartz vein 5 to 20 inches wide is present on the Maciza claim. The footwall portion of the vein, commonly 4 to 8 inches in width, reportedly contained as much as 80 dollars per ton in gold and silver, while the remainder of the vein averaged between 5 and 18 dollars per ton.

A rich lense of ore on the Dispensia claim reportedly assayed 40 dollars a ton in gold and silver and contained 1 percent tellurium.

All of the ore extracted from the Buster mines area was apparently thoroughly oxidized.

Derby (Wadsworth) Tungsten Mine

The Derby Tungsten mine is located in sec. 13, T. 20 N., R. 23 E., in the Truckee River canyon just north of U.S. Interstate 80. According to Overton (1947, p. 72) the mine was discovered in 1940 by John Heizer. It was developed by the Rare Metals Corp. in 1940 and 1941, and several hundred tons of ore averaging about 0.5 percent WO_3 per ton was produced during the exploration work. The mine has been idle since 1941.

The mine workings consist of a 600-foot adit and shallow surface trenches and pits. The tungsten mineralization occurs as disseminated grains of scheelite in tactite lenses developed along an intrusive contact between granodiorite and Mesozoic metasedimentary rocks. The outcrop area of the pre-Tertiary rocks is small. They are overlain unconformably by Tertiary and Quaternary rocks.

Two shafts, a short adit, and several prospect pits are present in the Hartford Hill Rhyolite and the Alta Formation in the vicinity of the Derby Tungsten mine. Overton (1947, p. 73) states that these workings are part of an old gold prospect known as Rainbow Canyon mines. The work was done many years ago and the prospect has been long idle. There is no record of any production.

Big Mouth Canyon Area

The gold-silver prospects in Big Mouth Canyon in the Pah Rah Range are generally considered to be in the Olinghouse district. According to Overton (1947, p. 72) the claims in Big Mouth Canyon were originally located in 1860. Supposedly, a few small shipments of gold-silver ore have been made from this area.

The prospects are located in sec. 17, T. 22 N., R. 23 E., and in the SE¼NE¼ sec. 18, T. 22 N., R. 23 E. The workings, which consist of several short adits, shallow shafts, and prospect pits, explore northerly trending, mineralized fault zones in welded ash-flow tuff of the Hartford Hill Rhyolite. Most of the workings are caved and have been abandoned for many years.

The mineralized zones in sec. 17 consist of a network of quartz veinlets in thoroughly propylitized, brecciated rhyolite welded tuff. The zones or lodes have widths from about 5 feet to 15 feet and contain adularia and pyrite. The pyrite is largely oxidized to mixtures of hematite and jarosite.

The prospect in sec. 18 explores a narrow quartz-calcite vein in propylitized welded tuff. Pyrite is the only visible metallic mineral in the vein matter. A grab sample of vein material taken from the dump assayed 0.18 ounces of gold and 0.70 ounces of silver per ton.

Secret Canyon Area

A gold-silver prospect is located in sec. 20, T. 22 N., R. 23 E., at the head of the north fork of Secret Canyon.

The workings at the prospect consist of two short adits, one of which is caved, and several pits. They are located on a zone of quartz stringers and veinlets 3 to 5 feet in width and about 100 feet in length, which cut brecciated rhyolite welded tuff, siliceous and carbonaceous shale and pebbly sandstone of the Hartford Hill Rhyolite. The lode trends N. 60°–70° W. and dips steeply to the northeast.

The rocks within the lode or vein zone are thoroughly silicified and are cut by numerous veinlets of vuggy quartz. Sparsely disseminated pyrite occurs both in the quartz veinlets and in the silicified rock. Manganese oxides occur along fracture surfaces.

A grab sample taken from the dump of one of the adits assayed 0.62 ounces of gold and 2.06 ounces of silver per ton.

Placer Deposits

Both eluvial and alluvial placer gold deposits are present in the Olinghouse district and portions of these placers have been worked intermittently from the 1860's to the present. The main placer workings occur in Olinghouse, Frank Free, and Tiger Canyons and in

propylitization is most intense in the central part of the district, and fades out in the marginal areas. The most intensely altered basaltic and andesitic rocks show replacement of plagioclase by sericite, calcite, epidote, and albite, and thorough chloritization of the original mafic constituents. Veinlets of flamboyant, chalcedonic quartz and of calcite are commonly present. Original ferric iron in these rocks has been reduced to the ferrous state.

With decreasing intensity of the propylitic alteration, epidote and sericite disappear, and remnants of original plagioclase and mafic minerals occur. Finally, in the weakly propylitized volcanic rocks, the only evidence of alteration is incipient chloritization of mafic minerals and stringers of albite and calcite veining plagioclase. Similar altered areas occur in the Secret and Coal Canyon areas of the Pah Rah Range and in the Lake Range just north of the Pyramid.

Age and Correlation. The Pyramid sequence is in part correlative with the Bonta Formation in eastern Plumas County, California (Durrell, 1959, p. 191) and is also, in part, correlative with the Relief Peak Formation of the central Sierra Nevada (Slemmons, 1966, p. 203). The Relief Peak Formation, as defined by Slemmons, undoubtedly, however, includes rocks included with the Kate Peak Formation in Washoe and Storey Counties. It is equivalent, in part, to the Chloropagus Formation in the Fallon area and in the Hot Springs Range (Axelrod, 1956).

The Pyramid sequence of southern Washoe County and Storey County is correlative with the Cañon Rhyolite, the Virgin Valley Formation (See Willden, 1964), and the upper Miocene rocks of northern Washoe and northwestern Humboldt Counties.

The units herein assigned to the Pyramid sequence range in age from middle Miocene to Mio-Pliocene or from Hemmingfordian to early Clarendonian. These age assignments are based upon both K-Ar dating and paleobotanical evidence. It should be noted here that the usage of the term Mio-Pliocene in this report follows the usage of Axelrod (1956, p. 11–14), who equates it with the early part of the Clarendonian stage of North American vertebrate paleontologists.

Axelrod (1956, p. 115) has previously reported that a flora from the Chloropagus Formation located in the Hot Springs Range is early Clarendonian or Mio-Pliocene in age. He (personal communication, 1967) is currently studying two fossil plant localities from the Chloropagus Formation in the Pah Rah Range, one located in the Truckee River Canyon near Painted Rock, and the other in Pierson Canyon just south of Olinghouse. These floras also appear to be of late Barstovian or early Clarendonian age. Evernden and James (1964, p. 970) dated an andesitic tuff, interbedded with the Chloropagus flora, and obtained a K-Ar age of 13.9 million years, or late Barstovian.

Axelrod, in several reports (1956, 1958, 1962, 1966) has briefly discussed the Pyramid flora at a location in Mullen Pass within the Pyramid sequence. He believes that this flora, which occurs in the Pyramid Formation of MacJannet (1957), is of late Hemmingfordian or early Barstovian age, which corresponds to middle Miocene or early late Miocene.

Evernden and James (1964, p. 969) dated plagioclase from a volcanic "flow" (dacitic welded ash-flow tuff) which occurs directly overlying the leaf-bearing diatomite strata at the Pyramid flora locality. A K-Ar age of 12.4 million years, corresponding to late Barstovian or early Clarendonian, was obtained from the plagioclase. Axelrod (1966, p. 503) discussed this date and concluded that the K-Ar age obtained for the Pyramid flora by Evernden and James must be in error, because the rocks in which the Pyramid flora occurs conformably underlie the Chloropagus Formation, from which Evernden and James obtained a 13.9 million year age. He also pointed out that the composition of the flora suggests an early Barstovian age.

During the course of the field work in the Mullen Pass area where the Pyramid Flora was collected, it became evident that the dacitic, welded, ash-flow tuff dated by Evernden and James, unconformably overlies the diatomite in which the flora is located. Approximately 1 mile east of the flora locality, the welded tuff unconformably overlies a basalt flow, which conformably overlies the diatomite unit. A plagioclase concentrate of a sample from the basalt flow was dated, giving a K-Ar age of 15.2 million years, which indicates the flora is early Barstovian, in agreement with the paleobotanical evidence.

The relationship of the dacitic welded tuff to the Chloropagus Formation in the Mullen Pass area is uncertain. A similar dacitic welded tuff occurs in the upper part of the Chloropagus Formation in the Truckee Range. If these welded tuffs are equivalent, the upper portion of the Chloropagus Formation is early Clarendonian in age.

A sample from a basalt flow which occurs near the base of the Chloropagus Formation in Fort Defiance Canyon in the Pah Rah Range, was also dated. At this locality and elsewhere in the Pah Rah Range south of Mullen Pass, the Chloropagus Formation unconformably overlies the Hartford Hill Rhyolite. A K-Ar age of 14.5 million years was obtained from a whole-rock sample of the basalt. This date is Barstovian or early late Miocene.

The dates from the Pyramid flora locality (15.2 m.y.) and from the basal Chloropagus at Fort Defiance Canyon (14.5 m.y.) reported herein, correspond with the fossil evidence and the stratigraphic evidence.

In summary, the units of the Pyramid sequence, based upon both radiometric dating and on the age of fossil floras found in the sequence, range in age from early Barstovian to early Clarendonian or approximately late middle Miocene to Mio-Pliocene. The majority of the Pyramid sequence is late Miocene in age.

DENNISON MINES PIUTE PROJECT - JAN/85 10/8/85

BIG MOUTH CANYON.

SUMMARY - 1700' of core drilling
6 holes
intercepts up to 4.3' to 0.11 Au, 1.0% Ag

Intro - 74 claims

Location - Sects 7, 8, 9, 16, 17 & 18 T22N R23E, East flank Pah Rah Range.

Geol - Hartford Hill Rhyolite.
welded lapilli tuff.
welded felsic tuff
welded tuff - Au. Ag. mineralization.
fault zone - east west dip 70° to N
qtz stockwork - a
mineralization quartz adularia, calcite
pyrite, hematite, barite - argentite
dumps 0.11 oz/t Au. 0.17 oz/t Ag

History. - mentioned in Bull 70
1981 - staked by Denison
1983 - geol. mapping 1"=500' defined altered
qtz-veined zone 5000' x 700'
1984 - drill program. 1700' of core drilling, 6 holes
composite of all drill samples in strongly altered
and qtz-veined zones averaged 0.014 oz/ton Au.
results p. 10 -
av. width - 1.48' ave grade 0.106 oz Au/t.

SECRET CANYON MINES

Robert Cowles
1130 Fairfield ~~Ln~~ 290 S Arlington
Reno NV 89509

d.K. Wilson executrix
Box 2183
Grand Junction, Colo 303 243 7806

IDAHO MINING CO

Denison Mines

P.E (TED) KAVANAUGH

Joanne Wilson executrix

WILSON, JESSE

Business: Mineral (metal) production and processing.
Ownership: Proprietorship.

Paymaster Mine & Mill
Mail: P.O. Box 596, Sparks, NV 89431
Location: Nye County, NV
Phone: (702) 342-0424
Activities: Open pit and underground gold and silver mine and mill; 2 empl.

Live Yankee Mine
Mail: P.O. Box 596, Sparks, NV 89431
Location: Mineral County, NV
Phone: (702) 342-0424
Activities: Underground gold and silver mine; temporarily inactive.

WILSON, W. L., & ASSOCIATES

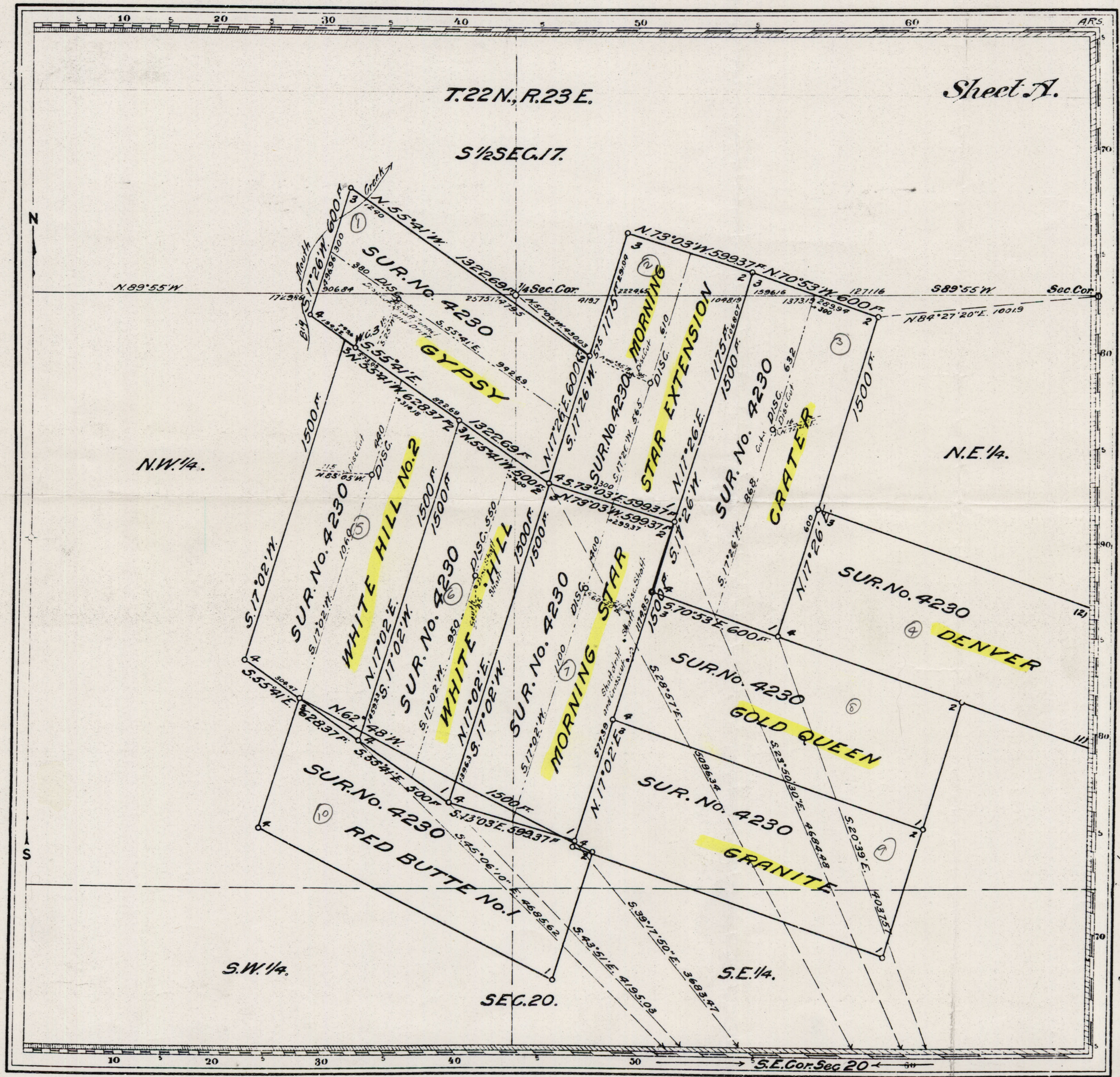
Business: Owns mining property.
Ownership: Partnership of stockholders in dissolved Idaho Mining Corp. Owns 7 1/2% interest in Cortez Gold Mine, Lander County, NV. Owns gold properties in Eureka County, NV and uranium properties in western Colorado.

Headquarters
Mail: P.O. Box 2183, Grand Junction, CO 81502
Phone: (303) 243-7806
Key Personnel:
W. L. Wilson

WINDSOR RESOURCES LTD. (U.S.)

Business: Mineral (metal) production

(4-675)



J.R.C. C.P.F.

~~Claim Located~~ 191

Mineral Survey No. 4230

Lot No.

Land District

PLAT

OF THE CLAIM OF

KNOWN AS THE

IN MINING DISTRICT.

COUNTY.

Containing an Area of Acres.

Scale of Feet to the inch.

Variation

SURVEYED 191 BY

U.S. Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of

known as the

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office; and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon said Mining Claim by claimant or grantors, and that said improvements consist of

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office.

Reno Nevada

September 4, 1914

[signature]

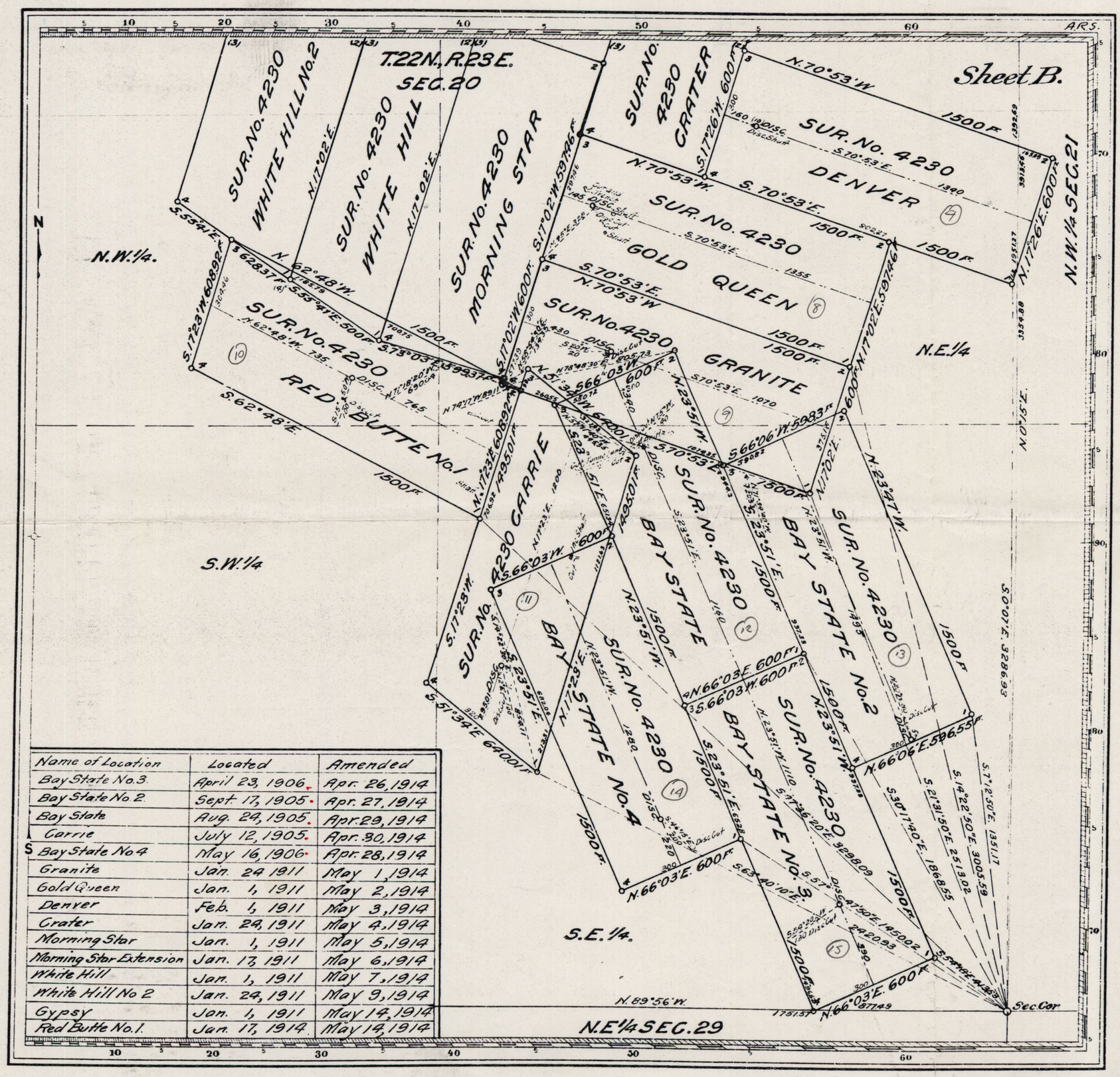
U.S. Surveyor General for Nevada

4230 "A"

34400024

204304

(4-675)



Name of Location	Located	Amended
Bay State No. 3.	April 23, 1906.	Apr. 26, 1914
Bay State No. 2.	Sept. 17, 1905.	Apr. 27, 1914
Bay State	Aug. 24, 1905.	Apr. 29, 1914
Carrie	July 12, 1905.	Apr. 30, 1914
Bay State No 4	May 16, 1906.	Apr. 28, 1914
Granite	Jan. 24 1911	May 1, 1914
Gold Queen	Jan. 1, 1911	May 2, 1914
Denver	Feb. 1, 1911	May 3, 1914
Crater	Jan. 24, 1911	May 4, 1914
Morning Star	Jan. 1, 1911	May 5, 1914
Morning Star Extension	Jan. 17, 1911	May 6, 1914
White Hill	Jan. 1, 1911	May 7, 1914
White Hill No 2	Jan. 24, 1911	May 9, 1914
Gypsy	Jan. 1, 1911	May 14, 1914
Red Butte No. 1.	Jan. 17, 1914	May 14, 1914

J.R.C. C.P.E.
~~Claim located~~ 191

Mineral Survey No. 4230

~~Lot No.~~

Carson City Land District.

PLAT

OF THE CLAIM OF

Bay State-Nevada Gold Mining Company

KNOWN AS THE BAY STATE No. 3, BAY STATE No. 2, BAY STATE, CARRIE, BAY STATE No. 4, GRANITE, GOLD QUEEN, DENVER, CRATER, MORNING STAR, MORNING STAR EXTENSION, WHITE HILL, WHITE HILL No. 2, GYPSY AND RED BUTTE No. 1 LODES

IN White Horse MINING DISTRICT,

Washoe COUNTY, Nevada

Containing an Area of _____ Acres.

Scale of 400 Feet to the inch.

Variation 18° 45' E.

SURVEYED June 7, - July 11, 1914 BY

George W. Lloyd, U.S. Mineral Surveyor.

The Original Field Notes of the Survey of the Mining Claim of Bay State-Nevada Gold Mining Company known as the "Bay State No. 3," "Bay State No. 2," "Bay State," "Carrie," "Bay State No. 4," "Granite," "Gold Queen," "Denver," "Crater," "Morning Star," "Morning Star Extension," "White Hill," "White Hill No. 2," "Gypsy" and "Red Butte No. 1" Lodes

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office; and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

~~I further certify that Five Hundred Dollars worth of labor has~~ been expended or improvements made upon said Mining Claim by claimant or grantors, and that said improvements consist of

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditure upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office, Reno, Nevada. September 4, 1914.

U.S. Surveyor General for Nevada

204305

4230 "B"

F 3440 0024

3AA0 0024

DENISON MINES (U.S.) INC.

№ 3135

Date _____

Sample Description N. Fk Big Mouth Canyon
SW 1/4, NE 1/4 sec. 17, T22N, R22E
sample of silicified outcrop above shaft ~~on~~ just above where helicopter landed, rock is silicified & Fe stained; ~~propylite~~ previously propylitized ash flow, silicification may occur along a fault zone

U_3O_8 Ag Au Pb Zn Cu Mo

Other etc.

DENISON MINES (U.S.) INC.

№ 3135

U_3O_8 Ag Au Pb Zn Cu Mo

Other

DENISON MINES (U.S.) INC.

NW¼ S center Sec. 17 T 22N R 23E

No 3126

Date 6-24-81

Sample Description Big Mouth Canyon - north fork

Sample of bleached slump rock from caved adit some jasperoid around rock (powder) is argillized & smells slightly of sulfide, also silicified rocks w/ ~~qtz~~ minor qtz stockwork occur on dump & as float in the area.

U_3O_8 Ag Au Pb Zn Cu Mo

Other

DENISON MINES (U.S.) INC.

No 3126

U_3O_8 Ag Au Pb Zn Cu Mo

Other

DENISON MINES (U.S.) INC.

No 3222

Date 8-30

Sample Description

Sample from Big Mouth Canyon East slope adit. adit sunk in lithic tuff unit - sample from calcite stringer about 1" or less wide, running transverse (almost perpendicular) to trend of adit. Taken along stringer from floor level to top of side of adit, about 6' overall.

U_3O_8 Ag Au Pb Zn Cu Mo

Other Hg, As, Sb, Te

DENISON MINES (U.S.) INC.

No 3222

U_3O_8 Ag Au Pb Zn Cu Mo

Other

DENISON MINES (U.S.) INC.

№ 3223

Date 8-30

Sample Description Same adit as 3222. taken across roof, perpendicular to trend of adit, ~~as~~ over 6' length. 150' from adit portal.

U_3O_8 Ag Au Pb Zn Cu Mo

Other Hg, As, Sb, Te

DENISON MINES (U.S.) INC.

№ 3223

U_3O_8 Ag Au Pb Zn Cu Mo

Other

DENISON MINES (U.S.) INC.

№ 3134

Date _____

Sample Description Big Mouth Canyon
sample from inside
20' adit just NE of where copter
landed at bottom of gully
rock is propylitized p.c. rhyolite
ash flow that has been argillized
& silicified

S. center NW 1/4 sec. 17
T22 N, R23E

U_3O_8 (Ag Au Pb Zn Cu) Mo

Other etc.

DENISON MINES (U.S.) INC.

№ 3134

U_3O_8 Ag Au Pb Zn Cu Mo

Other _____

DENISON MINES (U.S.) INC.

No 3131

Date 6-24-61

Sample Description ~~Sample~~
NE¼ SE¼ sec. 17, T22N R23E dumps
select grab from adits on south
side of South fork Big Mouth
Canyon

Sampler B.S.

U_3O_8 Ag Au Pb Zn Cu Mo

Other

DENISON MINES (U.S.) INC.

No 3131

U_3O_8 Ag Au Pb Zn Cu Mo

Other

DENISON MINES (U.S.) INC.

No 3128

Date _____

Sample Description E edge ~~NE1/4~~ & middle sec 28 T22N, R23E adit on south side of Secret Canyon, lower stope, qtz veining in green altered ash flow unit

U_3O_8 Ag Au Pb Zn Cu Mo

Other _____

DENISON MINES (U.S.) INC.

No 3128

U_3O_8 Ag Au Pb Zn Cu Mo

Other _____

DENISON MINES (U.S.) INC.

s. edge NW¼ Sec. 17, T22N, R23E

№ 3127

Date

Sample Description

sample of dump where Copter landed, silicified, breciated, + pea-green py in some silicified rock. below base of cliff

U₃O₈ Ag Au Pb Zn Cu Mo

Other etc.

DENISON MINES (U.S.) INC.

№ 3127

U₃O₈ Ag Au Pb Zn Cu Mo

Other