



CONTACT INFORMATION

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PRINTED: 09/06/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: WHITE HORSE

ALTERNATE NAMES:

GRAHAM COUNTY MILS NUMBER: 60

LOCATION: TOWNSHIP 4 S RANGE 20 E SECTION 23 QUARTER SE
LATITUDE: N 33DEG 03MIN 57SEC LONGITUDE: W 110DEG 15MIN 37SEC
TOPO MAP NAME: SAN CARLOS RESERVOIR - 15 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:
COPPER

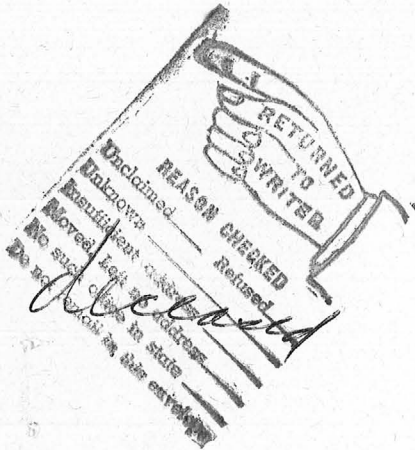
BIBLIOGRAPHY:
ADMMR FILE
ADOT HIGHWAY MAP GRAHAM CO, 1949, P. 2,
(ADMMR FILES)
ADMMR WHITE HORSE FILE

ERAL RESOURCES

izona

Fairgrounds

IZONA



Mr. John Gleeson
Gleeson,
Arizona

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

August 13, 1958

To the Owner or Operator of the Arizona Mining Property named below:

White Horse Mine (Graham County)	zinc, gold
(Property)	(ore)

We have an old listing of the above property which we would like to have brought up to date.

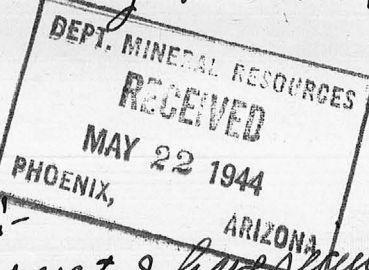
Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

Frank P. Knight

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

Gleason Ariz.
May 19 - 1944.



Mr. J. S. Couper,

Phoenix, Ariz.

Dear Mr. Couper:-

As yet I have secured

no maps or Tenney report.

Please attend to this at your earliest
convenience as I need them very much.

Thanking you I remain -

Resp.

John Gleason

Dy: J. C. H.

May 5, 1944

Mr. John Gleeson
Gleeson, Arizona

Dear Mr. Gleeson:

I was very glad to get your letter regarding the White Horse property and to know that you have a party going into examine it.

Under separate cover I am sending a map and an extra copy of the Tenny report.

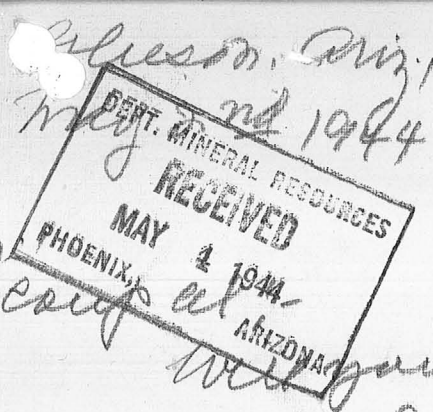
Very truly yours,

J. S. Coupal
Director

JSC:JES

[illegible]

A.S.M. & A.
Pheonix, Ariz
near Mr. J. Camp at



please return the maps of the
Stanley Butte mining district
showing my White Horse group.
Properly located in Graham Co.
I let you have them last
July as I remember.

Expect a party here any day
and I need the maps to show.

Thanking you I remain-

Resp.

John Glendon

By: J.C. H.

May 23, 1944

✓ Mr. John Gleeson
Gleeson, Arizona

Dear Mr. Gleeson:

The Tenny report and the maps on your White Horse Property were mailed on May 5, 1944, the same day as our letter to you. It has probably been misssent and you will probably receive it or it will be returned to this office.

We are writing a letter today to the Gleeson Post Office asking them to check and see if it has come through their hands.

Please notify us if these reports and maps are received.

Very truly yours,

Charles H. Dunning
Director

May 23, 1944

United States Post Office
Gleeson, Arizona

Gentlemen:

On May 5, 1944, we mailed from this office copies of a mine report and maps on Mr. John Gleeson's White Horse Mine. Today, we are in receipt of a letter stating that this has not been received. It would be deeply appreciated if you would check and see if this has come through your hands.

Thanking you in advance for your trouble, I remain

Very truly yours,

Charles H. Dunning
Director

CHD:JES

W
Yuma, Arizona, Sept. 19, 1942

WHITE HORSE GROUP

To: J. S. Coupal

From: Elgin B. Holt

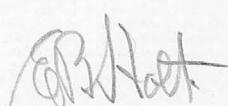
Referring to your wire of Sept. 15th, I called on Emmett Gleeson here in Yuma and had a talk with him re- the WHITE HORSE GROUP of mining claims located in the Stanley Peak Mining District, Graham County, Arizona. He gave me the following information concerning this group:

OWNERS: Emmett Gleeson, Box 988, Yuma, Arizona; and Mrs. G. C. Pidgeon, (sister of Emmett Gleeson), Box 1964, Warren, Arizona.

John Gleeson, (father of Emmett Gleeson and Mrs. Pidgeon), resides in Gleeson, Arizona. He is agent for owners and all deals concerning property must be negotiated through him. Also Emmett Gleeson says he knows practically nothing about the property and that any information desired about the same must be secured through his father.

LOCATION: However, Emmett Gleeson states that the property is located about 17 miles southwest from Fort Thomas, Arizona, in the Turnbull Mountains and is reached by an unimproved dirt road to a point about two miles from property; thence by pack-trail to same.

METALS: He further states the property consists of 25 unpatented mining claims, through which a number of veins run carrying copper, gold and silver; also lead; but that all assays, reports and other data ~~is~~ now in the files of his father at Gleeson.
are


Elgin B. Holt.

Post Office Department

OFFICIAL BUSINESS

REGISTERED ARTICLE

No. 11016

INSURED PARCEL

No. _____

Return to

Street and Number,
or Post Office Box,

(NAME OF SENDER)

PHOENIX,

ARIZONA.

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300

POSTMARK OF DELIVERING
OFFICE



RETURN RECEIPT

Received from the Postmaster the Registered or Insured Article, the original number of which appears on the face of this Card.

J. B. Ryan

(Signature or name of addressee)

Jim Ryan

(Signature of addressee's agent)

Date of delivery *DEC 6-1940*, 19
Form 3811

U. S. GOVERNMENT PRINTING OFFICE

5-6116

3 December 1940

Mr. J. B. Ryan,
Globe,
Arizona.

My dear Mr. Ryan:

I am returning herewith Report of
James B. Tenney on the WHITE HORSE CLAIMS, which you
sent to me at the request of Mr. John Gleeson,
Gleeson, Arizona, on October 21.

A copy of this report has been made
and placed in our files for future reference.

With best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-jrf
encl.

Registered Mail
Return Receipt Requested

CC-John Gleeson

FIVE STORES:
RYAN & CO. NO. 1, GLOBE
RYAN & CO. NO. 2, MIAMI
RYAN & CO. NO. 3, MIAMI
GILA DRUG CO., GLOBE
RYAN & CO. NO. 5, SUPERIOR

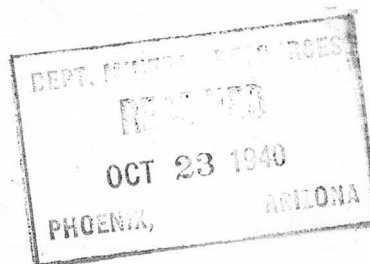
RYAN & COMPANY

DRUGGISTS AND STATIONERS

MAIN OFFICE: GLOBE, ARIZONA

KODAKS
DRUG SUNDRIES
OFFICE SUPPLIES
SPORTING GOODS
ROYAL TYPEWRITERS
WINES & LIQUORS

October 21, 1940



Mr. J. S. Coupal
Department of Mineral Resources
Capitol Building
Phoenix, Arizona

Dear Sir:

At the request of Mr. John Gleeson of Gleeson, Arizona,
I am sending you, herewith, report of James B. Tenney
on the White Horse group of mining claims. I pre-
sume Mr. Gleeson has discussed this with you.

Yours very truly,

JBR/ajb

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date 12/3/40

1. Mine **White Horse**
2. Mining District & County **Black Rock Mining Dist.
Graham County**
3. Former name
4. Location **On southern slope of Mt.
Turnbell, Sec. 23, 24, 25, 26.
T 4 S. R. 20 E.**
5. Owner **John Gleeson and J. H. O'Neill**
6. Address (Owner) **Gleeson, Arizona**
7. Operator
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals **Copper**
14. Men Employed
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present
19. Operations Planned **1000 ft. of development work.**
20. Number Claims, Title, etc. **20 mining claims - 4 claims wide and 5 claims long.
Held by location dated October 30, 1939.**
21. Description: Topography & Geography **Elevation between 5000 and 6000 ft. above sea level.
Extremely rough terrain.**
22. Mine Workings: Amt. & Condition **A little superficial work has been done on the two mineralized
fractures. A 65 ft. crosscut tunnel to the fracture did not
reach its objective. A 30 ft. inclined shaft driven on the
south fracture exposed ore. The shaft is now under water and
previous owner claims 3 ft. of ore in the bottom
(chalcopryite stringers.)**

23. Geology & Mineralization Dense fine grained rhyolites to basalt andesites tilted from 30 to 40 degrees to SW cutting these lavas is a series of fractures striking NW and dipping from 30 to 50 degrees NE. The total width of the fractured zone is about 1000 ft. Two fractures about 100 ft. apart are mineralized with copper and iron outcropping for width varying from 4 ft. to 15 ft. Insufficient work has been done to warrant careful sampling. What has been done is primary and should continue with depth.
24. Ore: Positive & Probable, Ore Dumps, Tailings

24-A Vein Width, Length, Value, etc. Mineralized zone 4 ft. to 15 ft. wide.

25. Mine, Mill Equipment & Flow Sheet

26. Road Conditions, Route The claims are reached by a 14 mile mountain road which extends from Geronimo on the Safford-Globe highway to within 5 miles of the property. From the end of the road there is no connectings except by rough and steep trails.

27. Water Supply

28. Brief History

29. Special Problems, Reports Filed Report by J. B. Tenney on file.

30. Remarks

XXXXXXXXXXXXXXXXXXXXXXXXXXXX. Writer recommends formation of a small development company to confine itself to the prospecting and development of this property.

31. If property for sale: Price, terms and address to negotiate.

32. Signed.....~~From report by James B. Tenney.~~

33. Use additional sheets if necessary.

MW-29

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date

December 3, 1940

Mine White Horse

Mining District & County - Stanley Butte Dist. Location - On southern slope of
Graham County Mt. Turnbull, Sec. 23,
Former Name 24, 25, 26. T 4 S., R 20 E.

Owners - John Gleeson
J. H. O'Neill

Address - Gleeson, Arizona

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals - Copper

Production Rate

Power: Amt. & Type

Operations: Present

WHITE HORSE

Cu

Graham

5 - 2

S 23, 24, 35, 26 T 4 S, R 20 E

John Gleeson, Box 67, Gleeson

'40

Operations Planned - 1000 feet of development work.

Number Claims, Title, etc. - 20 mining claims - 4 claims wide and 5 claims long.
Held by location dated October 30, 1939.

Description; Topography & Geography - Elevation between 5000 and 6000 ft. above
sea level. Extremely rough terrain.

Mine Workings: Amt. & Condition - A little superficial work has been done on the
two mineralized fractures. A 65 ft. crosscut tunnel to the fracture did
not reach its objective. A 30 ft. inclined shaft driven on the south
fracture exposed ore. The shaft is now under water and previous owner
claims 3 ft. of ore in the bottom (chalcopryite stringers). Inclined
shaft 70 to 90 ft. deep. Gleeson tunnel 60 ft. located 3000 ft. from
incline. Cross cut. All in ore from 1 to 4% copper.

Geology & Mineralization - Dense fine grained rhyolites to basic andesites tilted from 30 to 40 degrees to SW cutting these lavas is a series of fractures striking NW and dipping from 30 to 50 degrees NE. The total width of the fractured zone is about 1000 ft. Two fractures about 100 ft. apart are mineralized with copper and iron outcropping for width varying from 4 ft. to 15 ft. Insufficient work has been done to warrant careful sampling. What has been done is primary and should continue with depth.

Ore: Positive & Probable, Ore Dumps, Tailings

Vein Width, Length, Value, etc. - Mineralized zone 4 ft. to 15 ft. wide.

3/3/41 On incline shaft - Stevens of A. S. & R. Co. took sample 15 ft. down - 8 ft. of 6% copper with \$3 in gold and silver.

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route - The claims are reached by a 14 mile mountain road which extends from Geronimo on the Safford-Globe highway to within 5 miles of the property. From the end of the road there is no connectings except by rough and steep trails.

Water Supply

Brief History

Special Problems, Reports Filed - Report by J. B. Tenney on file

Remarks - Writer recommends formation of a small development company to confine itself to the prospecting and development of this property.

If property for sale: Price, terms and address to negotiate -

SIGNED - From report by James B. Tenney.

COPY

Tucson, Arizona, March 15, 1939.

REPORT ON WHITE HORSE CLAIMS

Stanley Butte Mining District

Graham County, Arizona

By

James B. Tenney

Mining Engineer and Geologist

Mr. John Gleeson
Gleeson, Arizona

March 15, 1939

REPORT ON WHITE HORSE CLAIMS

Stanley Butte Mining District
Graham County, Arizona

Conclusion: The ore showings on these claims constitute an undeveloped prospect in a district in which no serious development has hitherto been done. They are sufficiently strong and are connected with large enough surface outcrops to warrant a small amount of work to determine their merit. Until this preliminary work is done, expensive development and equipment is not warranted.

Location: The claims are situated on the southern slope of Mt. Turnbull, the northernmost extension of the mountain chain formed by the Pinaleno, Sta. Teresa, and Granite mountains. They are reached by a fourteen-mile mountain road which extends from Geronimo on the Safford-Globe highway to within five miles of the property. From the end of the road there are no connections except by rough and steep trail. The elevation of the ground is between 5000 and 6000 feet above sea-level.

Property: The property consists of a compact group of 20 claims, four wide and five long covering an area of 7500 by 2400 feet. The claims are held by location and are owned by John Gleeson and J. H. O'Neil. They are in Sections 23, 24, 25, and 26, T 4 S, R 20 E, G & SR B & M. The date of location was October 30, 1938.

The principal showings and work are on White Horse Nos. 9 and 10 claims. The workings and principal claim corners were tied in to the nearest section corner by transit survey September 6, 1938.

Ore Occurrence: Mt. Turnbull on the southern slopes of which the claims are located is made up of a thick section of ancient lava rocks, mostly dense fine-grained flows of composition varying from rhyolite to basic andesite. This series is now tilted and dips generally from 30 to 40 degrees to the southwest. Cutting these lava beds on claims 10, 11, 12, and 9 is a series of fractures striking northwest and dipping from 30 to 50 degrees northeast. The total width of this fracture zone is about 1000 feet. Two of these fractures about 100 ft. apart, are mineralized with copper and iron outcropping as limonite and sparse copper carbonate stain, for widths varying from 4 to 15 ft. It is in these two fractures that the shallow cuts, tunnels and shafts have been driven. A few feet from the surface in these workings, chalcopyrite (copper-iron sulphide) pyrite (iron sulphide) and a little specularite (crystalline iron oxide) appear as stringers and disseminated through the rock. In the three principal openings chalcopyrite almost free of pyrite forms the principal ore mineral. The width as developed in the various openings varies from 2 to 8 feet of ore material. Insufficient work has been done to warrant careful sampling. What has been done would indicate ore mineable to a grade of from 2 to 5% copper. If sufficient ore of this grade were developed, it would be an ideal one to concentrate due to the absence of much pyrite. Concentrates of 30% copper might be expected. The ore is primary and therefore would not be expected to diminish in grade with depth. As the country rock is more or less uniform, there is no reason to expect change in character with depth due to change in formation.

The ore occurrence is unlike that of any of the major ore occurrences of central and southeast Arizona. There are many copper deposits elsewhere in the world in lavas notably in South America. The location of the occurrence within the general Arizona belt of copper deposits is in its favor and makes work to determine its possibilities advisable.

Work Done: A little superficial work has been done on the two mineralized fractures on Nos. 9 and 10 claims. On No. 9 claim an opencut gaining a depth of about 5 ft. opened up a width on the south fracture of 8 ft. Further up the hill another opencut on the north fracture opened up similar material of about the same width. A crosscut tunnel 65 ft. long was started from the lower cut to get under the

the opencut on the north fracture but did not reach its objective.

On the No. 10 claim about 1000 ft. to the northwest of the opencuts previously described is an opencut and 30-ft. inclined shaft driven on the south fracture which showed the same type of ore but of narrower width. The shaft is now under water and was reported by a previous owner to have been driven and bottomed in 3 ft. of ore material (chalcopryite stringers). The south fracture is well mineralized between the inclined shaft and the opencut on No. 9 claim. On incline shaft - Stevens of A. S. & R. Co. took sample 15 ft. down - 8 ft. of 6% copper with \$3 in gold and silver. Incline shaft 70 to 90 ft. deep. Gleeson tunnel 60 ft. Located 3000 ft. from incline Crosscut. All in ore from 1 to 4% copper. The accompanying sketch map indicates the relative location of the work done.

Accessibility: To make the property accessible for preliminary work, a new pack trail would be essential. Such a trail, about 5 miles long, would cost not over \$1000. Road connections due to the extremely rough terrain would be very costly and not warranted until the worth of the property is demonstrated by more work. Such a road would cost from \$10,000 to \$15,000.

Recommendations: The property in its present undeveloped condition does not warrant the organization of a mining company. At least 1000 ft. of work would have to be done before plans towards beneficiations of the ore were warranted. I would therefore recommend the organization of a small development company to confine itself to prospecting and developing the property. The following would be advisable:

1. Construct a pack trail from the end of the road to the opening on No. 9 claim.....\$ 1,000
2. Establish a small camp with pipe line to spring..... 500
3. Purchase a small gasoline run compressor of a type capable of being knocked down for transportation by mule back..... 1,500
4. Purchase a jack-hammer drill with bar and mountings, and sufficient steel jack-bits, hose, and pipe to run about 250 ft. of work..... 1,500
5. Transportation of equipment to the property..... 500
6. Drive tunnel following the south fracture from the opencut toward the incline shaft, 100 ft. @ \$12..... 1,200
7. Continue the crosscut tunnel (apparently a distance of 50 ft.) to cut the north fracture under the upper opencut and drive on the north fracture a distance of 100 ft. @ \$12..... 1,800
- Total..... \$8,000

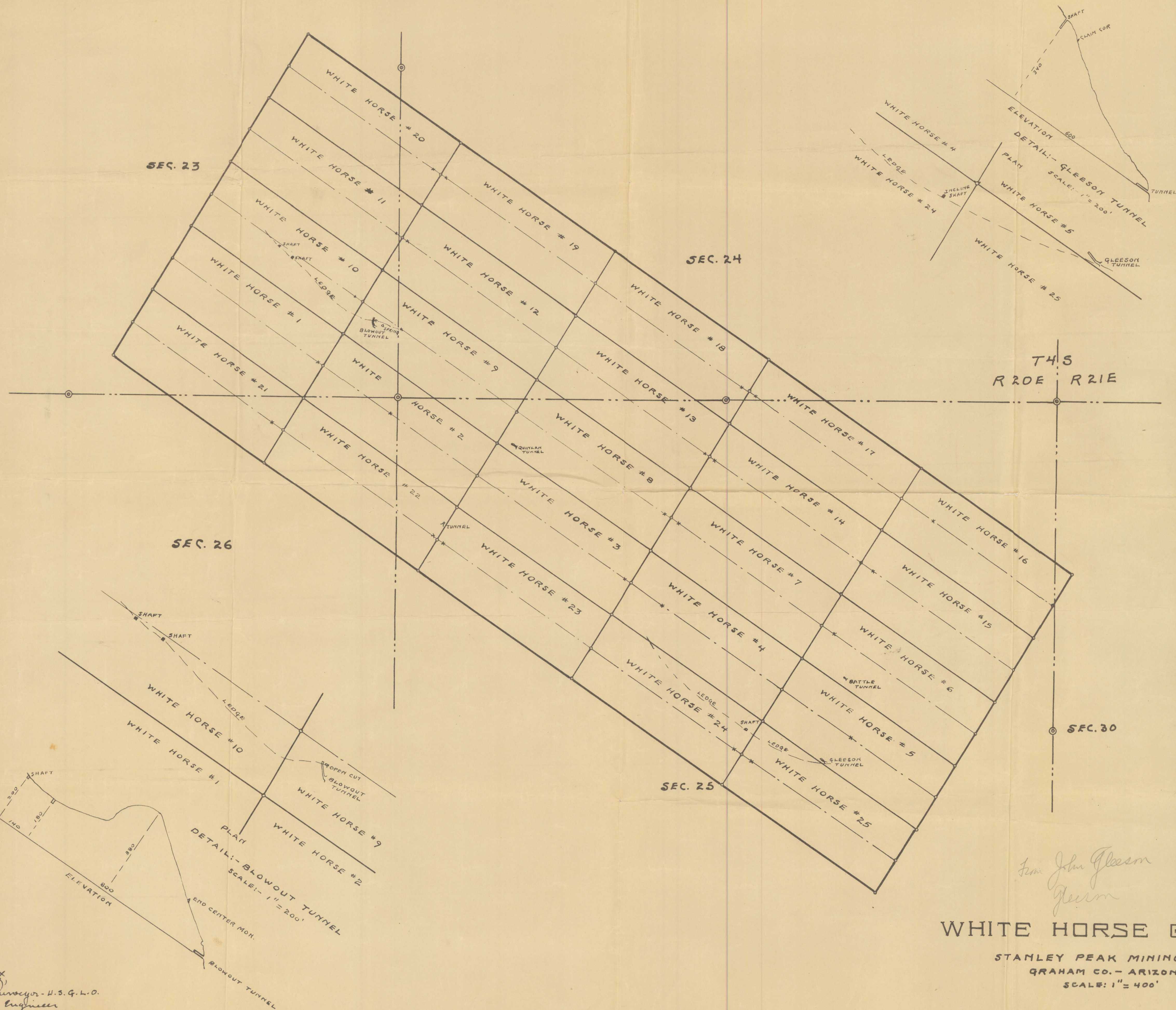
If this work proves up continuous values and good widths of veins continue each face another 500 ft. a total of 1000 ft. @ \$12..... 12,000
Grand total..... \$20,000

If this work as outlined proves up the mine, it will then be necessary to figure on final equipment in roads, water supply, mine equipment, permanent tunnels at greater depth, concentrator permanent town site, etc. etc. A reorganization into a mining company with large capital will then be necessary to bring the property to production. As the initial risk will have been taken, further money raised will be in the nature of a speculative investment and the development company share-holders can take a large part of the mining company stock for their risk. Emphatically, no thought should be given in the preliminary development campaign to anything except proving or disproving an ore deposit of sufficient size and grade to warrant equipment. The money spent in this campaign is purely speculative and should be so treated. In my estimation the showings are sufficiently strong to warrant the speculation. In other words, the possible returns if the mine is proved more than compensates the risk involved.

Presented by

(SIGNED)- J. B. TENNEY

James B. Tenney
Mining Engineer and Geologist.



WHITE HORSE GROUP

STANLEY PEAK MINING DIST.
GRAHAM CO. - ARIZONA.
SCALE: 1" = 400'

Ralph R. Mox
Mineral Surveyor - U.S.G.L.O.
Registered Engineer
Certificate No. 266