



## **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](mailto:inquiries@azgs.az.gov)

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12/09/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: B M GROUP

ALTERNATE NAMES:

DARLENE A GROUP

PINAL COUNTY MILS NUMBER: 513

LOCATION: TOWNSHIP 7 S RANGE 13 E SECTION 2 QUARTER N2  
LATITUDE: N 32DEG 51MIN 26SEC LONGITUDE: W 110DEG 58MIN 25SEC  
TOPO MAP NAME: BLACK MOUNTAIN - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

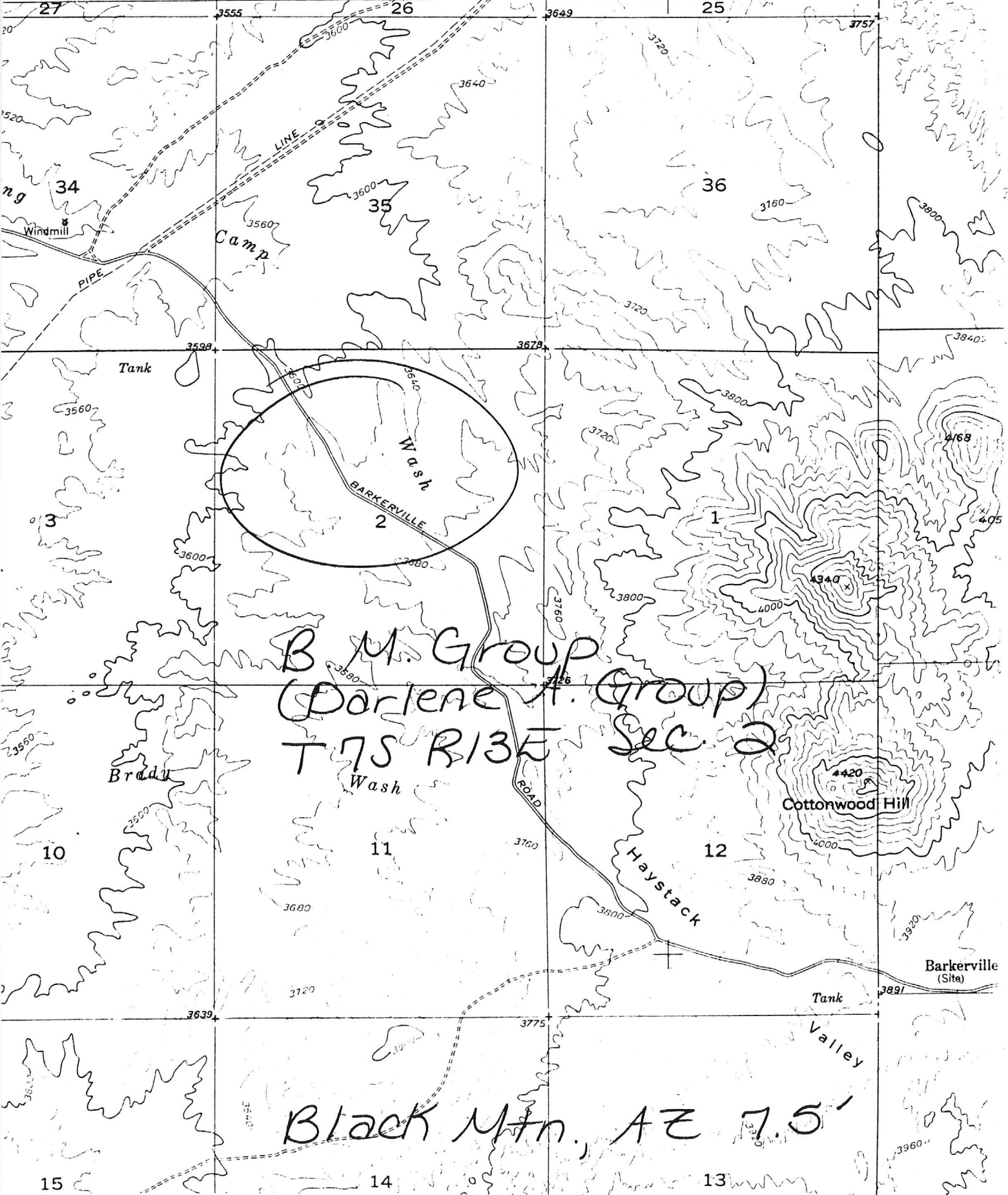
COMMODITY:

MICA  
FELDSPAR

BIBLIOGRAPHY:

ADMMR B M GROUP (DARLENE A GROUP) FILE

501000m.E. 502 503 57'30" R. 13 E. R. 14 E.



Feb. 26. 1951  
(1951)

Dear Roger:

Greetings and Salutations: Just a line to let you know of the new change of address. Got all moved and settled about a week ago. So if you get down this way will be glad to have you drop in. This address is about  $\frac{3}{4}$  miles north of Highway 80 just beyond the overpass toward Benson.

Made a trip out to the Mica property a few days ago. Looks better all the time. Brought in a load of samples. So am going to send you up a box of them. So far, haven't been able to make contact with the Mr. Murray I told you about. Am going over to see Mr. Butler today so I gave him a bag of samples.

If my job here proves out I may not move to Phoenix in June after all. If the office gets a bite on Mica I can be contacted at the address given. Did you get a chance to find the property? I found the road open all the way thru.

Let me hear from you.

Sincerely,  
Richard R. Slaughter  
42720 So. Park Ave., Tucson, Ariz.

FRANK R. WICKS

— CONSULTING MINING AND INDUSTRIAL ENGINEER

# WACHINERY COMPANY

*Wemachy Products"*

MUTUAL 4830

315 WEST FIFTH STREET  
LOS ANGELES 13, CALIF

NEW YORK, N. Y.

TELEPHONE 3-4101  
124 EAST BUCHANAN STREET  
P. O. BOX 2224  
PHOENIX, ARIZONA



CABLE ADDRESS  
"WEMACHY"

Jan 22nd, 1948

Mr. Chas Dunning, Engineer,  
Department of Mineral Resource  
Mineral Building,  
Fair Grounds,  
Phoenix, Arizona.

Dear Mr. Dunning:-

As per our phone conversation today, the attached card of Mr. Wicks, is the man who was in our office today and stated he had some clients interested in obtaining a Feldspar property.

Possibly you could assist him in putting him in connection with people who have such deposits.

Yours very truly

WESTERN MACHINERY COMPANY

By

*J. P. Keller*  
J. P. Keller, Branch Mgr.

JPK K

*W. R. Singleton  
will call*

8 April 1941

Mr. Richard R. Singleton,  
Box 271,  
Florence, Arizona.

My dear Mr. Singleton:

Complying with request of Mr. Newton Wolcott,  
I am enclosing herewith a copy of Field Engineers  
Report covering the B. M. GROUP in the Black Mountain  
Mining District, Pinal County.

Yours very truly,

J. S. Coupal  
Director

JSC-jrf  
encl.

cc-Newt Wolcott

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine ✓ Darlene A Group  
(Formerly B. M. Group)  
District Black Mountain  
Subject: Examination

Date May 27, 1947  
Engineer Geo. A. Ballam

*Key Well 75 NE*

Property consists of 4 unpatented claims held by location by Richard R. Singleton, Box 49, Willcox, Arizona. It is located in the Black Mountain Mining District and is reached by seven miles of desert road running easterly from a point on U. S. Highway 80 about 20 miles south of Florence and immediately south of Brady Wash. The road has not been used for years except by hunters, but it is in fair condition with no hills or washes. It could be put in good condition by passage of a blade over it. *See also B. M. map from Willow Springs Ranch Co.*

The claims lie on the westerly slope of the Black Hills along the first prominent ridge approaching from the west, which ridge is a landmark owing to white outcrops of pegmatite striking northwesterly. A number of these parallel dykes intrude the country rock which is largely schists overlying granite. Three of these dykes encompassed in the width of one claim were traversed. Feldspar was found throughout in appreciable amounts partially segregated from the quartz and mica constituents of the rock. A representative sample was taken for analysis report to be appended hereto.

Although the owner has had reports indicating a mica content of 27% plus, it is not thought that the rock would constitute a primary source of mica (scrap) and any value of this material would be as a by-product of feldspar production in the event the latter can be economically separated from associated quartz. No estimate can be made of tonnage available, but it is ample to support any sized operation warranted by other considerations.

Within a miles of the claims water has been obtained for ranch purposes heretofore, but owing to the current extreme drought it is doubtful if sufficient water to support a large operation could be developed locally, and it might be necessary to seek water in one of the major washes which traverse the district at a greater distance from the property.

DEPARTMENT OF MINERAL RESOURCES  
State of Arizona  
MINE OWNER'S REPORT

Date Feb 13. 47

1. Mine: ~~B. M. Group~~ ✓ Warless A group
2. Location: Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Range \_\_\_\_\_ Nearest Town Lawrence Ariz  
Distance 2.5 mi Direction N 10 Road Condition very good
3. Mining District & County: Black Mountain, Pinal County
4. Former Name of Mine: \_\_\_\_\_
5. Owner: Richard R Singleton  
Address: Box 49, Wilcox, Arizona
6. Operator: \_\_\_\_\_  
Address: \_\_\_\_\_
7. Principal Minerals: Malachite
8. Number of Claims: \_\_\_\_\_ Lode \_\_\_\_\_ Placer   
Patented \_\_\_\_\_ Unpatented
9. Type of Surrounding Terrain: Rolling to flat foot hill country
10. Geology & Mineralization: pegmatite dykes with malachite showing throughout some heavy pure malachite schist dykes.
11. Dimension & Value of Ore Body: 28 to 60 ft deep malachite some showings better. Two claims long by four claims wide.



12. Ore "Blocked Out" or "In Sight": Large Dykes full length of Claims and from one side to the other Shovel operation

Ore Probable: Has been estimated that this body would operate 25 to 50 ton mill indefinitely with what is in sight on surface.

13. Mine Workings—Amount and Condition: None

No.	Feet	Condition
Shafts		
Raises	None	
Tunnels		
Crosscuts		
Stopes		

14. Water Supply: would have to be developed

15. Brief History: Property lays about six or seven miles from Highway 80. 2.5 miles P.E. Florence Ariz. Pinal County. Reasonable country road from main Highway to property. One day work with blade could develop good truck road. Power line within 6 or seven miles downhill haul from property to Highway.

16. Signature: Richard R. Singleton  
Box 49 Wilcox, Arizona

17. If Property for Sale, List Approximate Price and Terms: Few thousand dollars outright sale. Twenty five thousand Bond + Lease with substantial down payment. Or terms can be arranged after investigation and occupying of Property.

# 4

Parvane Group

# 5

Map

Scale  
Date

# 1

# 3

Not drawn to scale but to give general idea as to lay  
of claims

P.R.S.

Section

Scale  
Date

(over)

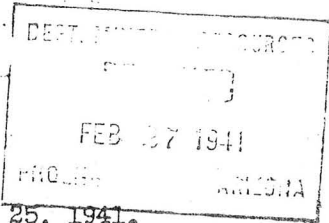
MISCELLANEOUS

Claims recorded in Florence Ariz.  
Books 57 of mines.

Owner will not be said to deal with  
on right kind of offer.



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT



Mine  B. M. Group  
District Black Mountain Mining District  
Former name  
Owner  Richard R. Singleton  
Operator  
President  
Mine Supt.  
Principal Metals  Feldspar and mica  
Production Rate Not in production  
Power: Amt. & Type  
Operations: Present

Date February 25, 1941.  
Engineer Newton Wolcott  
Location Approximately 27 miles SE from Florence. Pinal County.  
Address Box 271, Florence, Arizona.  
Address  
Gen. Mgr.  
Mill Supt.  
Men Employed  
Mill: Type & Cap.

Nothing except location work.

Operations Planned

Indefinite

Number Claims, Title, etc.

Four unpatented lode claims. More to be located later.

Description: Topog. & Geog. The ground covered by these claims lies in the rolling foothills of the Black Mountains on the western slope. Elevation above sea level estimated to be approximately 3000 feet. The country here is semi-desert, traversed by numerous shallow washes and low ridges, and covered with typical desert growth. There is a general gentle slope to the northwest, with drainage toward the Gila River. Normally the climate is arid and surface water is practically absent except during rainy periods.

Mine Workings: Amt. & Condition

There are no underground workings as yet, all showings being confined to surface exposures along outcrops.

Geology & Mineralization

The predominating granite country rock in this area was evidently overlain at one time by schist. Extensive erosion has carried away most of the latter formation, leaving only small areas of probable shallow depth. Through both of the original formations there has been an intrusion of coarse grained pegmatite which cuts across the area in a series of persistent dykes running in an east-west direction. At least twenty of these dykes are visible over an area approximately  $\frac{1}{4}$  mile wide and a mile in length. They vary in width from four or five feet to thirty feet or more, and in places are very close together, suggesting a probable consolidation at a shallow depth. The mineral constituents vary in proportion at different places on the property, but feldspar appears to be greatly predominant on the whole. This mineral occurs sometimes in imperfect crystals as large as six or eight inches in diameter. It is generally milk white in color. Quartz is present, but in minor amounts. Muscovite mica occurs generally throughout the dykes, and in places is a major constituent of the rock. Books up to almost two inches square were observed in some places, although surface weathering has caused extensive decomposition. At one point on the property there are several areas along one of the dykes where a light-grey micaceous material appears. This may possibly be lepidolite, and the owner has sent specimens out for determination.

No estimate can be made of the potential value of the dyke minerals without a general sampling and laboratory tests, but there is no question of the enormous tonnage available.

Road Conditions, Route

Take U.S. Highway 80 south from Florence for approximately 20 miles, then turn east on country road. The last five or six miles of road to the property is somewhat rough at present, but could be very easily improved. Anyone wishing to see the property should contact the owner at Florence for guidance.

Water Supply

There is a small seepage flow in one of the washes at present, but this is ordinarily dry. No attempt has been made to develop water on the property.

Brief History

The property has just recently been located by the owner, and no attempt has heretofore been made to do anything with the ground.

Special Problems, Reports Filed

The owner lacks capital to develop the commercial possibilities of this property and to establish a market for its possible products. There are no reports available.

Remarks: In view of the unlimited tonnages available by surface operations, the property appears to be worth investigation by anyone who can finance the necessary laboratory tests and establish a market for both the feldspar and mica. Because of its freedom from discoloration, the feldspar might be a very desirable product for the ceramic industry, and there would doubtless be a considerable quantity of very good scrap mica produced as a by-product in any separation process.

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

The property is open for sale or any reasonable deal. Address owner for terms.

Signed..... *Newton Wolcott*

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT

Date Feb. 19, 1941

1. Mine **The B. M. Group**
2. Location **Southeast Town of Florence, Ariz., U. S. 80-89. Approx. 20 miles. N.E. Approx. 7 mi; Believed to be in T. 650 R. 10E Approx. section not known at present. Surveyed land.**
3. Mining District & County **Blackhills Pinal County**
4. Former name
5. Owner **Richard H. Singleton**
6. Address (Owner) **Box 271, Florence, Arizona.**
7. Operator
8. Address (Operator)
9. President, Owning Co.
- 9A. President, Operating Co.
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Men Employed
14. Principal Minerals **Mica (pegmatite) feldspar, possibly other minerals.**
15. Production Rate
16. Mill: Type & Cap. **None**
17. Power: Amt. & Type **None**
18. Operations: Present
19. Operations: Planned **New Claims**
20. Number Claims, Title, etc. **Four (4) at present covering principle ore body. Other claims arranged for later. Not patented.**
21. Description: Topography & Geography **Elevation approx. 2500' to 3000'. Rolling ridges and one hill on east end. Some getly rolling ground on claims 1, 2, 4. Cars, Trucks and equipment could be hauled over most of claims. More data on attached plot.**
22. Mine Workings: Amt. & Condition **None.**

23. Geology & Mineralization

Large by its and spar dykes (possibly 2' or 3' thick) Make other minerals. Extent of mineralization not known at present. Approximately 3 miles of Black Mountain in foothills. Large was east side. First claim crossed by medium size was. Small valley on both sides.

24. Ore: Positive & Probable, Ore Dumps, Tailings

24A. Dimensions and Value of Ore body

Ore body covers an area of approx.  $\frac{1}{2}$  mi. wide by approx. 1 mile long. Approx. some 20 large pegmatite dykes in this area ranging from some 3 or 4' up to approximately 40' in width.

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route

S. E. of Florence, Arizona. U.S. Highway 80-89 approx. 30 miles NE toward Black Mt., approx. 7 miles. Main highway good. 7 miles desert road passable for most cars by being careful. Very little work required to build good road from main highway to property.

27. Water Supply

Would have to be developed.

28. Brief History

Property has never been worked but rather a large tonnage of ore in sight. No definite knowledge of percentage of Mica per ton of ore.

29. Special Problems, Reports Filed

Report from Field Eng., Mr. Walcott, should be on file with main office by this date.

30. Remarks

Owner can be located at Florence Hotel, Florence, Arizona, or by mail at address given below.

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

For sale, or lease; prices and terms arranged after inspection of property.

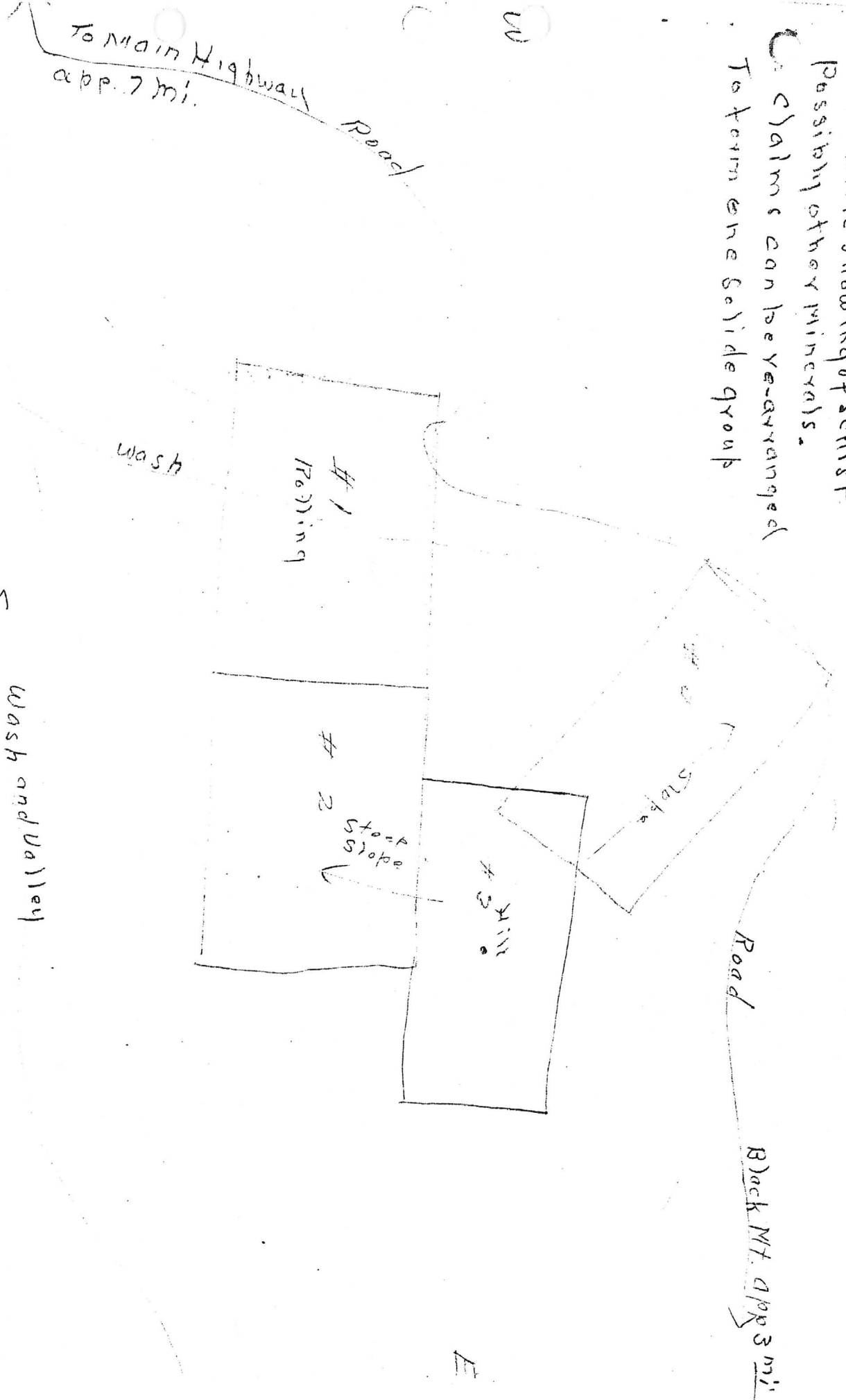
32. Signature.....(Signed).....Richard R. Singleton.....  
Box 271  
Florence, Arizona

33. Use additional sheets if necessary.



Bytes. with outcroppings of granite, quartz,  
and a little showing of schist  
Possibly other minerals.

Claims can be rearranged  
To form one Solid group



5  
Wash and Valley

To Main Highway  
app. 7 mi.

Road

Wash

#1  
Rolling

#2  
adols  
slope

#3  
Hill

#4  
Stake

Road

Back Mt. app 3 mi.

W

E