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Arizona Department of Mines and Mineral Resources Mining Collection

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09/17/85

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: KINGMAN FELDSPAR MINE

ALTERNATE NAMES:

TAYLOR
GRAND SILICA ANNEX

MOHAVE COUNTY MILS NUMBER: 96A

LOCATION: TOWNSHIP 22 N RANGE 17 W SECTION 26 QTR. NE
LATITUDE:N 35DEG 16MIN 04SEC LONGITUDE:W 114DEG 03MIN 44SEC
TOPO MAP NAME: STOCKTON HILL - 7.5 MIN

CURRENT STATUS: PRODUCER

COMMODITY:

FELDSPAR-PRIMARY
SILICON-(M) QUARTZITE-BYPRODUCT

BIBLIOGRAPHY:

ELEVATORSKI, E.A., AZ. IND. MIN. RPT. 2, ADMR
P. 41
ADMR KINGMAN FELDSPAR MINE FILE
KEITH, S.B., AZBM BULL 180, P. 344-346
TENNEY, J.B., AZBM BULL 129, P. 5-11
OLSON, J., & HINRICHS, E., USGS BULL 1082-D,
P. 194-195
MCCUTCHAN, J., AZ. STATE MINE INSP. RPT.
VOL. 67, P. 4
USBM PROD TAB 1973
AZBM BULL 167, P. 1-11

from: W.H. Crutchfield Jr. Mohave County Prospect Assessment Compilation (post 1982)

Name of Mine or Prospect: Taylor Mine	Townsh. 22N	Range 17W	Section 26	Priority C
Principal Minerals: Microcline Feldspar, Quartz	1:250,000 Quad Kingman		7.5' - 15' Quad Stockton Hill	
Associated Minerals:	District Cerbat		Principal Product Feldspar, Quartz	
Type of Operation: Surface: Open Cut	County Mohave	State Ar.	Type of Deposit Pegmatite	
Ownership or Controlling Interest: International Mineral & Chemical Corp. (No Date) ¹				
Access: 12 miles north of Kingman, Ar. on the east facing foothills of the Cerbat Mountains.				
Structural Control or Geological Association: "An active quarry mining feldspar-quartz-pegmatite. Grey-white microcline pods, used in glass, enamels and pottery." ¹				
Age of Mineralization: Laramide(?)				
Production History			Geochemical Analyses	
(1966) ³ production total 15,000 tons valued at \$3-4/ton for abrasives.				
References				
1) Elevatorski (1978) p. 41. 2) CETA map file, Rack #5 and 18, claim map. 3) ABM (1969) Bull. 180, p. 413-419.				

Arizona Department of Mines and Mineral Resources

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

MM 6674 Quartz, massive, white
6675 Feldspar, massive, white

Mohave County

Taylor Mine

(In the Cerbat Mts,
near Kingman)

MILS # 96A

2-AKA's

Kingman Feldspar Mine (fcl)

Arizona Department of Mines and Mineral Resources

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

MM-K126 Feldspar var. Orthoclase
K127 " " "

Mohave Co.
6 mi. NE of Kingman
Kingman Feldspar Group

MILS # 96 A

2-AKA's

Kingman Feldspar Mine (foto)

MINERAL SPECIMEN OR DEPARTMENT OF LIBRARY AND ARCHIVES

K127

(Do not write in this space)

(Wrap each specimen separately, or place it in a substantial bag, by itself, with a number attached, identical with the number on this card.)

These specimens are now in the ADMR Museum - Cabinet. No. _____

Specimen No. 3, collected by E. B. Holt Field Engineer

Name of ore Soda Feldspar

Operator K. F. Company

Minerals contained " "

Mine active or inactive _____

Gangue ~~silica~~

If inactive, when operated _____

Depth at which taken _____

Specimen presented by K. F. Co.

Approximate mineral content (in terms of average per ton) Ditto Ditto

Date 7/2/37

Notes (Any general information regarding the history of the property.) _____

Name of mine or claim _____

Group Kinaman Feldspar

District Mohave Co

Location (distance and direction by highway from what town) 6 m. NE of Kinaman

Owner of property _____

If more space is desired for notes, use other side.

Kinaman Feldspar Co. 9.5 g 12.5 x 5.0 x 3.5 cm

(Do not write in this space)

(Wrap each specimen separately, or place it in a substantial bag, by itself, with a number attached, identical with the number on this card.)

Ore _____

Cabinet _____

No. _____

Specimen No. 4, collected by E. B. Holt
Field Engineer

Name of ore Feldspar

Operator Kingman Feldspar Co.

Minerals contained Potash Feldspar
or Orthoclase.

Mine active or inactive _____

If inactive, when operated _____

Gangue ~~Potash Feldspar~~

Specimen presented by K. F. Company

Depth at which taken 20 feet

Date 7/3/39

Approximate mineral content (in terms of average per ton) _____

Notes (Any general information regarding the history of the property.) _____

Name of mine or claim _____

Group Kingman Feldspar

District Mohave Co.

Location (distance and direction by highway from what town) 6 mi. NE of Kingman

Owner of property _____

If more space is desired for notes, use other side.
7.0 g (13.0 x 5.5 x 1.5)

MINERAL SPECIMEN FOR DEPARTMENT OF LIBRARY AND ARCHIVES

K125

(Do not write in this space)

(Wrap each specimen separately, or place it in a substantial bag, by itself, with a number attached, identical with the number on this card.)

Ore _____
Cabinet _____
No. _____

Specimen No. 2, collected by Robert E. Morrow
Field Engineer

Name of ore Feldspar
Minerals contained _____
Gangue _____
Depth at which taken _____
Approximate mineral content (in terms of average per ton) _____

Operator _____
Mine active or inactive Active
If inactive, when operated _____
Specimen presented by Company
Date July 11, 1940
Notes (Any general information regarding the history of the property.) _____

Name of mine or claim Consolidated
Group Feldspar Corporation
District Stockton Hill
Location (distance and direction by highway from what town 20 Mi. NE. Qingman)
Owner of property _____

If more space is desired for notes, use other side.

116 2oz 9.5 x 7.5 x 4.5 cm

MM K137

SPECIMEN Silica-1

Weight 34.8 g
Dimensions 14 x 10 x 7.5 cm

Presented by Consolidated Feldspar Corp.
Collected by Robert E. Morrow
Date received November, 1940

Class (principal mineral) Silica

Name of mine or claim Consolidated Feldspar Corp.

Other minerals

Group

Language

District Stockton Hill

Depth at which specimen taken

County Mohave

Approximate mineral content (in terms of average per ton)

Location (distance and direction by highway from what town) 20 miles northeast of Kingman

Quantity Value \$

Mine active or inactive Active

If inactive, when operated

Owner

Operator

Notes: Used in pottery, glass and abrasives. Analysis: SiO2 99%, Al2O3 .5%, Fe2O3 .03%
This non metallic ore is mined as a by-product of the Consolidated Feldspar mine located 5 miles northeast of Kingman.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

KINB MND FELDSPAR MINE

Taylor Mine

Mine Arizona Feldspar Corporation

Date March 7, 1977

District Cerbat

Engineer Ken A. Phillips

Subject: Operations and problems at the mine.

Information Source: Ralph Al Beard, contract miner.

The mine is producing 30-35 tons of feldspar daily from an underground room and pillar operation. A 27° decline 177 feet long driven west is used to hoist ore from a loading station at the bottom of the decline. A drift approximately 400 feet long has been driven north and south in ore a few (about one set height) feet above the loading station. Mining is by room and pillar methods. Ore is moved from the face to the shoots by slushers and loaded into cars from the shoots. The shoot from the south workings holds about 40 cars of ore while the one from the north workings holds about 10 carloads.

Beard receives an average of \$10.00 per ton for crude ore delivered into trucks at the portal. Quartz is the predominant gangue. Occasionally, the ore contains enough quartz to require hand-sorting with a picking belt. Beard is presently in bad need of another miner. He also is in need of an accurate mine map as there may be some risk of stopping up into the bottom of a muck-filled surface pit.

Ken A. Phillips

Ken A. Phillips
Mineral Resources Engineer

RH

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Arizona Feldspar Corp.

Date January 16, 1976

District

Engineer John H. Jett, Director

Subject:

Mining is underground, two miners - hoist man, surface man and supervisor. Incline adit, minus 27^o, 177 ft. incline distance. Material is trucked to mill in Kingman where it is ground to minus 200 mesh in pebble mill. Pebbles are imported from France. Mill lines are jasper flint. Cut in and shipped from Minnesota. End product used as tile. It will glaze at 2300^o and is iron free. Ball consumption is approximately 3# per ton.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Feldspar Plant & Quarry Date August 28, 1958
District Cerbat (Wallapai), Mohave Co. Engineer Travis P. Lane
Subject: Visit

Owner & Operator Consolidated Feldspar Co., a Department of International Minerals and Chemical Corp.

Main Office: Old Orchard Road
Skokie, Ill. (14 miles N of Chicago)

Kingman Office: At Kingman Plant
Box 229, Kingman, Arizona

Mr. J.W. Allen is the resident manager of the Kingman operation. The plant, located at Getz Siding, 2 miles E of Kingman, makes 2 products -- ground feldspar and ground silica. At the present time the output is about 50% feldspar and 50% silica.

The feldspar product is a practically pure potash feldspar ground to 200 M. Its principal uses are for the manufacture of ceramics and sanitary ware. The silica product is 99% SiO₂ ground to 140 M for use in household cleaner-compounds, or to 99% minus 200 M for use as Potters Flint. A pure white silica is required for the former use, but some slight coloration is permissible for the latter. Because of the high purity specifications for both feldspar and silica plant feed there are no plant waste materials.

The plant is designed so that the crushing section (jaw and cone crushers) handles alternately feldspar or silica feed. The crushed silica goes to an 8' x 12' pebble mill in closed circuit with a 60 M vibrating screen. The crushed feldspar goes to a 6' x 15' pebble mill with air classification for size control. An 8' x 5' Hardinge mill is being installed to replace the tube mill which will be held for standby or, when necessary, to supplement the Hardinge capacity. All crushing and grinding is dry. A shed building is provided to shelter stockpiled mine run feldspar during wet periods. The crude silica material needs no such protection.

All of the feldspar plant feed is obtained from the company's deposit on the west flank of the Cerbat range near its southern end, about 6½ miles easterly from the plant. Three mining cuts in close proximity to each other have been opened here. Two have reached a depth where mining can no longer be continued without benching the steep enclosing walls. Mining is in progress in the most southerly cut. While the deposit is notable for its pure potash feldspar content, nevertheless it is necessary to mine selectively to avoid dilution with soda feldspar, quartz, or other undesirable materials, and some close hand sorting is practiced.

The company purchases about 80% of its crude silica plant feed and the balance is obtained during the course of mining feldspar in the cuts. The greater part of the silica rock is purchased from a large number of small independent operators in the immediate vicinity of the feldspar deposit although some is trucked in a distance of up to 50 miles. Si Weeks of Kingman is the largest current supplier, his material being mined from a deposit several miles north of Consolidated Feldspar's quarries.

Feldspar Plant & Quarry (cont.)

The plant output normally is around 1200 tons per month but at present because of the recent destruction by fire of the company's feldspar plant at Custer, Montana, the feldspar section of the plant is being pushed at a higher rate than normal, to fill the Custer plant's orders.

Ten persons are employed in the plant and office. Mining is done by Juan Sena on contract, employing 4 men.

*

Information from MINE INSPECTOR'S OFFICE - August 15, 1957

✓ INTERNATIONAL MINERALS & CHEMICAL CORP. (Mine and Mill)
(Formerly Consolidated Feldspar Corp.)

Walapai Dist., Mohave County

✓ Mgr. - Wes Allen, Box 229, Kingman, Ariz.

✓ Supt.- John Stewart, Gen. Del., Kingman, Ariz.

1000 tons Feldspar - 8 men working.

L.A.S.

*

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine CONSOLIDATED FELDSPAR

Date April 16, 1957

District

Engineer MARK GEMMILL

Subject: Present Activity

This property is now under the ownership of Consolidated Feldspar Department of the International Minerals and Chemical Corporation. ✓ Mr. Wes Allen, Manager, lives in Kingman

Operation at this property has continued steadily for a number of years. At the present time about 400 tons per month of feldspar is being processed in the mill and in addition, 700 tons per month of silica is being ground and sold for cleaning compound. Silica rock is being purchased from different operators in the area.

*

Consolidated Feldspar

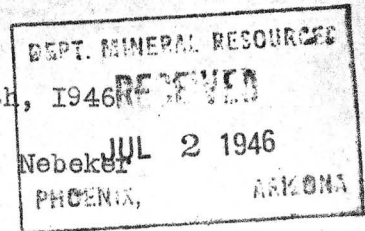
DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Consolidated Feldspar Corporation

Date June 8th, 1946

District Kingman

Engineer A. C. Nebeker



Subject:

The Manager of the Consolidated Feldspar Corp. is Mr L. D. Gregory Assistant Mgr. G. F. Hendricks, address Kingman.

The photos show the mill which has a capacity of 50 to 80 tons of Feldspar ground to 200 mesh. The price at R.R. Cars \$22.00 per ton. Product shipped mostly to Los Angeles Calif.

The mill is $1\frac{1}{2}$ miles east of Kingman and on a siding of the Santa Fe Railroad The mine is 8 miles out from Kingman and north of the mill by 7 miles. Ore is mined by open pit methods and is loaded on trucks in the pit. The breaking loading and sorting out the white quartz rock is done under the contract method. The photo shows one of the open pits where about 100 tons of ore can be seen broken in the bottom of the pit. The walls of Feldspar in the pit show white color and the Quartz vein show dark and is dipping about 45 degrees.

18 men are employed on the average and most of them live in Kingman. The men speak highly of the Company and are pleased with the treatment they receive.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Kingman Feldspar ✓
District Kingman
Subject: Feldspar
Date 7/3/39
Engineer Elgin B. Holt

Location: 10 miles N.E. of Kingman.
Operating Company: Kingman Feldspar Company
Address: Kingman, Arizona.
President: H. P. Margarum.
Gen. Manager: R. W. Lawson.
Mine Supt: J. P. Hendrix.
MILL Supt: H. W. McIntyre.

REPORT ON OPERATIONS

Following data was given to our engineer by H. W. McIntyre, Mill Superintendent: Company operating dry crushing and grinding plant & tube mill, lined with silica blocks, set in cement. Ground product passed thru Exolon magnetic separator to remove "tramp iron" from abrasion of grinding parts as well as any magnetic iron sands, or hematite, from surface dirt that occasionally gets mixed with feldspar mill heads.

Production rate: 500 tons of ground feldspar product per month. Electric power furnished by Citizen's Utilities Co., of Kingman. Property consists of 3 mining claims, covering massive deposits of feldspar material, with narrow bands of silica (99% SiO₂). Of total material milled, 10% is silica and 90% Potash Feldspar; this latter material being nearly pure orthoclase (KAlSi₃O₈).

The ground feldspar product is shipped to ceramic plants in California; but Mr. McIntyre was not at liberty to quote market price. The company also produces ground silica which is also shipped to California to ceramic plants and is used also in that industry.

Mr. McIntyre stated there is no market at all for crude feldspar and that the market for ground feldspar product is already well supplied all over the United States. He further stated that the best course to pursue for anyone owning a feldspar prospect in Arizona would be to submit samples to some company already in the feldspar business; that such samples could be mailed to R. W. Lawson, General Manager, Kingman Feldspar Company, Kingman, Arizona; and that he would have tests made and write the one submitting samples advising as to quality, etc., of material submitted.

McIntyre further stated that feldspar product to be commercial must not contain in excess of 0.05% Fe₂O₃ and no phosphorus.

KINGMAN FELDSPAR MINE (file)

Samples here described from the mine listed below are contained in the AzDMMR collection of reference samples.

Date Taken: 02/01/92
Date Logged: 09/30/93
Sample Number: 09/30/93-001 and 09/30/93-002

MINE: TAYLOR
COUNTY: MOHAVE
LOCATION:
DESCRIPTION: Hand selected from dumps, crushed to -1"
MATERIAL: FELDSPAR
COMMENTS: Mine is being worked for landscape rock, prior to reclamation
for a city park.

Date Taken: 02/01/92
Date Logged: 09/30/93
Sample Number: 09/30/93-003

MINE: TAYLOR
COUNTY: MOHAVE
LOCATION:
DESCRIPTION: Hand selected from dumps, crushed to -1"
MATERIAL: Quartz for evaluation as a pool plaster aggregate.
COMMENTS: Mine is being worked for landscape rock, prior to reclamation
for a city park.

~~ARIZONA FELDSPAR CORP.~~
KINGMAN FELDSPAR MINE

MOHAVE COUNTY

It appears that the recent ownership of the property is as follows: Juntunen and Eaton purchased the mill in 1973 from International Minerals. It became Arizona Feldspar Company. Mr. Wylie Hemphill of Pacific Silica bought Arizona Feldspar mine and mill in January of 1978. Chet Cheatwood, Arizona Minerals bought Arizona Feldspar and shortly after lost it to Mr. Hemphill. In 1981 Industrial Mineral Products bought the mine and mill. 8/25/81 KAP

KAP WR 10/23/81: A visit was made to Industrial Mineral Products Inc. (IMP) grinding mill at Kingman. Industrial Mineral products has purchased the feldspar mill from Hemphill Brothers. IMP reports they are operating numerous nonmetallic mineral processing plants in the West and Pacific Northwest. They plan to operate the Kingman mill to grind various nonmetallic commodities: The first to be a kaolinite clay from Union Pass. A stockpile of crude lump feldspar is held at the mill. The main office for IMP is Industrial Mineral Products, P.O. Box 95, Ravensdale, Washington 98051.

NJN WR 4/16/82: Glenda McLucas with Industrial Mineral Products of Washington called. IMP is the current owner of the feldspar mill in Kingman. (Arizona Feldspar Corporation, Mohave County). Ms. McLucas reported they want to produce some high quality silica and are looking for raw material.

In connection with this, she was interested in how to locate the owner of the C. F. Weeks quartz property (White Spar, Mohave County). They hope to get a lease or option on the property and produce some silica from it.

RRB WR 4/9/82: Glennda McLucas of Industrial Mineral Products, P.O. Box 95, Ravensdale, WA 98051, (206) 432-3910 called to find location of quartz mine near Wittman that had sold flux to a copper smelter in the past. Determined that she must be referring to the White Peak Silica Mine. She is looking for a pure quartz for their mill in Kingman as their current source is nearly exhausted. They will pay \$15 to \$20 per ton delivered in Kingman.

NJN WR 6/4/82: Visited Industrial Mineral Products Mill in Kingman, Mohave County. The mill has a local phone now. The number is 753-1725. The mill has been grinding some kaolinite and silica, but is currently doing maintenance work on the mill while a new lease is negotiated with the owner of the White Spar property, Mohave County.

Stopped at the Arizona Feldspar Co., mill where Mr. Juntunen said the cross-cut had gone thru the quartz and is now in really hi-grade orthoclase (see the specimen).
GW WR 5-1-74

Visited the Arizona Feldspar Co. mill where Stanley Juntunen said they continue to receive more orders for ground spar than they can fill due to slow underground mining. He said they had an order for 3 cars from a Phillipine concern and another from an emery wheel company in Niagra Falls, New York. GW WR 8/28/74

Stopped at the Arizona Feldspar Co. mill in Kingman where Stanley Juntunen says their business has picked up somewhat but that they still aren't at full capacity. GW WR 8/27/75

KAP WR 1/20/78: Wylie Hemphill has purchased the Arizona Feldspar mill and mine. They have shut down their quartz mine in Sec. 22, and are producing quartz from the feldspar mine in Sec. 26 both T22N R17W, Stockton Hill, 7½ minute USGS Quadrangle. Quartz is being hand sorted from years worth of feldspar mine dump material. The quartz from the Kingman area is a portion of 270,000 tons of silicon ore shipped at the Columbia River area yearly by Hamphill Brothers.

KAP WR 7/18/80: John Fowler of Arizona Mica Co. reported that Arizona Minerals (The Feldspar mill at Kingman) which was operated by Chet Cheatwood has gone out of business.

CJH WR 7/18/80: Richard E. Mieritz, consultant will be evaluating the Arizona Mineral feldspar properties at Kingman and Yarnell for possible acquisition by Tanner Co.

CJH WR 8/14/81: Phone call: Ms. Glenda McLucas, Geologist, Industrial Mineral Products, P.O. Box 95, Ravensdale, Washington 98051. She reported that her company purchased the Taylor Quartz-Feldspar mine and mill at Kingman from Mr. Hemphill. They have run some quartz through the mill.

RRB WR 8/14/81: Glenda McLucas of Industrial Mineral Products, P.O. Box 95 Ravensdale, WA 98501 (206) 432-3910 called about the Taylor Mine (Arizona Feldspar Corp., International Minerals & Chemicals Corp.) They are considering the acquisition of this property. I sent her copies of pertinent reports in our files.

Mr. Juntunen wasn't available at the feldspar plant of International Minerals & Chemical Company in Kingman. GW WR 2/7/73

Messrs. Juntunen and Eaton have purchased the feldspar mill at Kingman. Apparently International Minerals & Chemical Company are getting out of the feldspar grinding business as Eaton says they have also sold the mill at Custer, S. D., Perhaps they will continue as the sales agent; this wasn't made clear. GW WR 3/8/73

Visited with Stanley Juntunen at the feldspar mill where he said they ~~are~~ were going ahead with the sinking of a 350 foot - 27° shaft which is estimated to intersect the feldspar deposit about 150 feet below the present pit bottom. When completed they intend to drive a long drift (1200-1400 feet) thru the deposit and put up a couple of raises to the surface. He said their business was flourishing and that Spruce Pine, North Carolina had asked them to furnish some of their customers. They have a 50 ton shipment to get out for a Japanese firm and another for a Philadelphia company. GW WR 5-3-73

Visited with Messrs. Eaton and Junetnen at the Arizona Feldspar Corp. mill (was International Chemical & Minerals Co.) They have contracted the sinking of a -27° decline to Alanco, Tucson; they are now about 150 feet deep which is about half finished. They said they have more orders than they can fill and want to buy a used 2½ cu. yd. front-end loader. They would like to contract the mining after the decline is completed. GW WR 10/4/73

Stopped at the Arizona Feldspar Company mill and visited with Stan Juntunen who said they could sell twice as much -200 mesh spar as they were presently capable of producing. Their incline shaft is approximately half finished. Advance in it was stopped for about 10 days while installing track, skip and a hoist. Mr. Juntunen also said their supplies were increasing in price and were becoming more difficult to obtain. They pay \$130/ton for quartzite blocks for mill linings shipped from Jasper, Minn. Their grinding media is 3" quartz pebbles imported from Belgium. An effort will be made to locate this type of material * in Arizona that will be satisfactory for their use. GW WR 11/8/73

Visited the Arizona Feldspar plant where John Eaton said they were very busy and that the inclined shaft into their pegmatite had been stopped at 176 feet and a drift had advanced 45 feet into the deposit. GW WR 12/6/73

Mr. Anthony Lane of Knox Arizona called to find out how to contact the mine inspector. He said that they have acquired Arizona Feldspar near Kingman and are sinking a shaft and driving a drift. REL WR 1-24-74

Went to the Arizona Feldspar Co. mill in Kingman where Stanley Juntunen said their ~~cross-cut~~ ^{cross-cut} about 200 feet long was 30 feet into the pegmatite but that the material was quartz instead of feldspar as had been expected. They have Jerry Haynes mining on a small feldspar deposit north of the old pit which is supplying the bulk of the prod. GW WR 4-3-74

Mr. Juntunen was not available at I.M.C. feldspar plant in Kingman, but an inquiry as to the specs. for custom rock brought the reply from the analyst that Fe shouldn't exceed 0.09%, Al_2O_3 18%, SiO_2 65% and K_2O_3 12.5%. GW WR 12/1/71

The International Minerals and Chemical feldspar plant and quarry at Kingman maintained a steady production. However, since the decease of C. F. Weeks, they have discontinued grinding silica. GW QR 9/71

Saw Stan Junenen at International Minerals and Chemical Company feldspar plant. He says their orders are piling up. GW WR 2/3/72

The International Minerals and Chemical Company feldspar plant and quarry are operating at full capacity. GW QR 2/72

Mr. Juntunen at International Minerals and Chemicals Co. wasn't there. GW WR 4/5/72

Mr. Juntunen wasn't available at International Minerals and Chemical Company in Kingman, but the secretary said their business has increased. GW WR 5/3/72

Stopped at International Minerals and Chemical Company feldspar mill in Kingman where Mr. Juntunen said sales were just moderate now, about 50 T/day of 200 mesh. He made no changes in the active mine directory. GW WR 6/7/72

Also the International Minerals and Chemical Co. office was closed, however, the mill was in operation. GW WR 11/2/72

* Actove Mine List - October 1972 Empl. 4

Mr. Juntunen of International Minerals and Chemical Company, Kingman, requested a search for deposits with a high potash feldspar content; that was the reason for this visit. After leaving the Gila Bend Mountains, the Buckeye Hills were visited to examine a number of quartz-feldspar pegmatites trending northeast through coarse grained granite. There are at least a dozen and perhaps more of these dikes several hundred feet in length but of varying widths up to about 20 feet. One, about 12 feet wide, was examined rather closely for K-spar content which was estimated at more than 60%. GW WR 1/18/73

INTERNATIONAL MINERAL AND CHEMICAL CORP.

Active Mine List Oct. 1969 - John Eaton, Mgr. - 11 men

Visited IMC plant. Interviewed John Eaton who said operations will cease Dec. 15. He expects to be transferred to another plant in Ohio or Indiana. FTJ WR 11-7-69

International Minerals & Chemicals located several claims north of the Taylor feldspar mine. Stanley Juntunen, mgr., said they were cleaning up and did not know how long they would be operating. John Eaton transferred to IMC's Black Hills operation in South Dakota. FTJ WR 3-16-70

International Minerals and Chemical Corp. was milling stockpile material. FTJ QR 4-3-70

Interviewed Stanley Juntunen at IMC office - they were doing some exploration on claims adjoining Taylor mine. FTJ WR 5-8-70

Active Mine List May 1970 - 11 men - Stanley Juntunen, Mgr., Box 229, Kingman

Visited the IMC plant, manager on vacation, but left feldspar sample for evaluation. FTJ WR 7-11-70

International Minerals and Chemical Corp. continued to treat stockpile material and were exploring a pegmatite deposit north of the Taylor mine. FTJ QR 7-1-70

Visit at IMC plant - mine quartz near Prescott.

Active Mine List Oct. 1970 - 4 men - Stanley Juntunen, Mgr.

Visited International Minerals and Chemical plant. They are still milling stockpile material. FTJ WR 11-6-70

* To International Minerals & Chemical plant. They are still operating on stockpile material and plant to mine quartz at their mine south of Prescott. FTJ WR 1-8-71

Visited International Minerals and Chemical Co. plant. They are mining feldspar but may have to go underground in the near future. FTJ WR 5-10-71

Stopped at International Minerals & Chemicals Co. feldspar plant in Kingman and met Mr. Juntunen, mgr. He was tied up with two U.S.B.M safety engineers. GW - WR 9/3/71

Dir. of Mining - August 1971 - 4 employees.

INTERNATIONAL MINERAL AND CHEMICAL CORP.

Interview with John Eaton at International Minerals and Chemical Co. Plant. Rail siding to his plant for Prescott Quartz has not been completed thus holding up mining. FTJ WR 9-7-67

Interviewed John Eaton, International Minerals & Chemicals. The Santa Fe have not completed their spur to silica plant. FTJ WR 11-10-67

Interview with John Eaton at International Minerals and Chemical Co. Plant. Operations normal. FTJ WR 1-5-68

Visited the IMC plant. Eaton was away from office. FTJ WR 3-8-68

Active Mine List Nov. 1967 - 13 men
Active Mine List April 1968 - 13 men

Visit John Eaton at International Minerals and Chemicals Plant. Stockpiling quartz at their Prescott mine and are looking for a feldspar deposit. FTJ WR 5-10-68

Visited International Plant - Eaton was in Prescott where they are mining quartz. FTJ WR 7-12-68

Visit with John Eaton of IMC plant. They have shut down their Comet operation south of Prescott. Apparently grade of quartz not as expected. FTJ WR 9-6-68

Active Mine List Oct. 1968 - 13 men

To IMC plant, interview John Eaton. They are looking for feldspar and quartz property, as life of Taylor deposit may be less than 10 years. FTJ WR 11-8-68

Interview with John Eaton at International Minerals and Chemical Corp. office. Operations normal - may again try to mine quartz from the Comet Claim south of Prescott. FTJ WR 1-10-69

Visited with John Eaton at IMC plant. He said competition in quartz market is hurting. FTJ WR 3-7-69

Active Mine List April 1969 - 11 men - John Eaton, Mgr. P.O. Box 229, Kingman

Visited John Eaton at IMC plant. They have ceased mining operations and are milling their stockpile. He expected to close everything down in 6 months although not a certainty. He said higher freight rates and competitive operations caused loss in the operation. FTJ WR 7-11-69

Visited John Eaton at IMC plant. No shut down date as yet. FTJ WR 9-5-69

INTERNATIONAL MINERALS & CHEMICAL CORP.

International Minerals & Chemical Corp. are operating their mine and mill at their regular rate. Cy Weeks mines quartz for them at the quartz quarry. FTJ QR 7-8-66

Active Mine List Oct. 1966 - 15 men working

Visited IMC plant. Operations normal. FTJ WR 11-4-66

Visited International Minerals & Chemical Corp. plant. John Eaton, supt., said Cy Weeks has not been mining as roads to his quarry were impassable. A good stockpile at the plant will take care of requirements for 2 or 3 weeks. Jerry Haynes is mining feldspar. FTJ WR 1-7-67

International Minerals & Chemical Corp. operated at their regular rate. FTJ QR 4-5-67

Visited IMC plant. Interview with John Eaton. They are going to mine quartz from a deposit about 8 miles south of Prescott just off the old Senator Highway. Additions to the plant at Kingman are planned. FTJ WR 5-5-67

Interview with John Eaton at International Minerals & Chemical Plant. They are getting set up to mine quartz from Prescott (250 tpd) and ship to Kingman plant. They can mine and ship from there to Kingman cheaper than they buy from Cy Weeks. FTJ WR 7-7-67

CONSOLIDATED FELDSPAR CO. *

Visite to Mill and Quarry with "Red" Williams. *This is a division of International Mineral and Chemical Co.

The quarry is being mined by Jerry Haynes, 225 Chestnut St., Kingman, under contract. Haynes has 14 men working at present. The main production is from the middle of three quarries. Here the pegmatite has two bands. The one on the west being quartz and the one on the east is feldspar. Considerable hand sorting of the feldspar is done to eliminate areas where biotite appears adequate for a long time. The pegmatite zone is over $\frac{1}{2}$ mile long and the development work indicates that the pay material is continuous. The pegmatite crosses granitic rocks which are foliated somewhat. This is, to the west, and higher up the ridge, capped by basaltic to dacitic flows, which form bold cliffs. The feldspar sometimes contains small clusters or books of biotite which is deleterious. The biotite increases in amount near the contact with the granitic rock (possibly a diorite).

The feldspar and some silica are hauled by Consolidated Feldspar Co. to the mill (6 miles) by 20-ton truck. Here the silica and feldspar are crushed to 100-125 mesh by use of a crusher and pebble mills (pebbles from Germany). The ground material is bagged by automatic sackers and shipped to California (Purex Co.) for glass manufacture. The selection of ground material is done in 14 ft. classifier cones. The silica is ground to 200-235 mesh. The Consolidated Company's silica is supplemented with additional quartz by the Cy Weeks Quarry, situated $1\frac{1}{2}$ miles northwest of the Consolidated Feldspar Quarry. According to Weeks he has a contract for 10,000 tons.
LAS Memo 9-1962

This property active Oct. 1962 - 10 men working

Visited quarry and mill of the International Mineral & Chemical Corp. - John Eaton, supt.
EGW WR 11-9-62

Interviewed J. W. Allen, International Minerals & Chemical Co. Mill. The company is no longer called Consolidated Feldspar. EGW WR 7-17-63

Active Mine List Oct. 1963

Visit International Minerals & Chemical Corp. Quarry - 10 men working. EGW WR 3-13-64

Visited International Minerals & Chemical Corp. Quarry and Plant. Learned from Jerry Haynes at Quarry that he still has 2 men drifting at the summit. Visited Cy Weeks plant - no activity at the plant because road work had the trucks stopped.
EGW WR 7-14-64

Visited International Minerals & Chemical Corp. Quarry - learned from Jerry Haynes he still has 2 men drifting the Summit Mine. EGW WR 9-15-64

Jerry Haynes contract mining for feldspar, using 6 men. Plant employs 13 men and 2 women. Mr. Eaton, mgr., said Japanese white wares were giving them competition. Cy Weeks supplies about 1500 tons of quartz per month, using 10 men. FTJ WR 9-10-65

CONSOLIDATED FELDSPAR COMPANY
a Department of
INTERNATIONAL MINERALS AND CHEMICAL CORP.

July 21, 1961 - Interviewed Jerry Haynes, Proprietor, Mohave Motors. He conducts a personal mining contracting business. He is contracting the mining and delivery of feldspar and quartz for International Minerals and Chemicals from their quarries to their Kingman Plant.

TRAVIS P. LANE - Weekly Report - 7-22-61

Active 10-1961

2-1962-V-card-TPL - Donald H. Freas, Geologist, Mining and Exploration Dept., Technical Division - International Minerals & Chemical Corp. Old Orchard Road, Skokie, Illinois.

Jan. 19, 1962 - Interviewed Jerry Haines at Kingman. He is contract mining feldspar for the Consolidated Feldspar plant at Kingman. He advised that Si Weeks will start soon supplying silica to this plant.

TRAVIS P. LANE - Weekly Report - 1-20-62

CONSOLIDATED FELDSPAR.

Claims: Grand Silica 1 & 2, Silica Extension
are in secs. 25 and 26 T. 22N., R. 17 W.

Mill: Approx Section 18, T. 21 N., R. 16 W.

6-27-62

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