| . 3A30 0011 | (243) Item 11 |
|--|--|
| PROPERTY NAME: Michigan Boy Mine | County: Nye |
| OTHER NAMES: | Mining District: Oak Springs |
| MINERAL COMMODITY/JEST Ag, Pb | AMS Sheet: Goldfield Quad |
| TYPE OF DEPOSIT: | Quad Sheet: Oak Springs 7½" |
| ACCESSIBILITY: Two miles NE of Yucca Flat via a little used dirt road. Access to the area restricted by N.T.S | Sec. Unsur. , T, R |
| OWNERSHIP: Ed Lane of Groom Nevada and the U.S. Government | Coordinate (UTM): |
| PRODUCTION: None reported | North 4 1 1 5 5 3 0 m |
| PRODUCTION: Notice reported HISTORY: Argentiferous galena reported to carry $11-16$ ounces of Ag and $1\frac{1}{2}$ percent lead could not be identifed during the examination. | East 0 ₁ 5 ₁ 8 ₁ 7 ₁ 9 ₁ 4 ₁ 2 _m Zone |
| DEVELOPMENT: Workings consist of a 50 foot inclined shaft and approspect pits. | proximately eight shallow |
| ACTIVITY AT TIME DE EYAMINATION None | |
| ACTIVITY AT TIME OF EXAMINATION: None | |
| | |
| GEOLOGY: The Michigan Boy Mine is located in a low swale 2 mil | |
| appoximately 6 miles SE of the Climax Mine. The mine is at 450 within laminated quartzites, siltstones and shales of the Wood | |
| age. The shaft and prospect pits have been sunk on a NE trend | ing quartz vein system that is |
| partially brecciated. The veins are inclined as much as 60° t | o the NW in the southern prospect: |
| and appear to flatten out to the north. | to the MILD I Coll |
| The Michigan Boy shaft is inclined approximately 45° vein, approximately 6-12" in width, strike N40E 55W. The veins | are emplaced along and within |
| normal fault structures as evidenced by drag folds developed i | n sediments adjacent to the fault |
| The vein is sheared vuggy and contains abundant Mn-Fe oxides. | Sample #1801 and 1806 taken from |
| the mine dump and sidewalls contained quartz, pyrite and Cu-Fe argentiferous galena was found. | -Mn oxides. None of the reported |
| A brunton and tape survey was made keying off the Mic | higan Boy shaft(See enclosed man) |
| MB1 - Workings consist of 3-4 ft. deep prospect pit 37 ft SW o | f shaft. The prospect explored |
| a quartz vein approximately 18" wide that strikes N2OE and dip | s 30NW. Some silicification and |
| limonitic alteration of the sediments was observed adjacent to fractured quartzite with some pyrite. | the vein. Sample #1807 was mainly |
| MB2 - Shallow prospect located 45 feet due south of t | he shaft. The bedding of the Woods |
| Canyon was N40W. Sample #1808 consists of light gray quartzite of gray jasperiod material. | with pyrite and surface coatings |
| MB3 - Shallow prospect 65 feet SW of shaft. Bedding o | |
| Sample #1809 collected from the prospect consisted of brown sh gossan like alteration with remnants of sulfides. | are jasperiod with re-mn oxides, |
| MB4 - Shallow prospect 75 feet NE of the shaft. The pr | ospect exposes quartz veins which |
| strike N60E 60NW. Sample #1810 contained pyrite, malachite, s | ome jasperiod, several stages of |
| REMARKS: quartz veining and unidentified green oxides. | 1 10 5 11 11 - NISH 00D |
| MB5 - The fault exposed in the prospect is approximate Sample #1811 is composed of abundant hematite and Mn oxides wi | th vigey white quartz in a host |
| of quartzite and shale. | THE STATE OF THE S |
| MB6 - Shallow prospect pit slightly offset to the sout | h from the previous line of |
| prospects. Shaft bears N50W and is 495 feet from MB-6 prospec malachite, and quartz crystalls filling cavitites along a faul | t. Sample #1812 contains; pyrite |
| sediments of Woods Canyon Formation. The vein strikes N75E and | dips close to vertical |
| MB7 - Shallow prospect pit 55 feet SW of MB-6 and 50 f | eet NE of the center of the road. |
| Bearing to MB-6 is N75E. The prospect was sunk on a 12" near1 | |
| REFERENCES: GQ-214, USGS, Geology of Oak Springs Quad, 1960,1961. | (Continued on the page) |
| | |
| EXAMINER:Quade/Bentz/Smith/Tingley | DATE VISITED: 11-5-82 |

| * Walter Provide | (243) I tom // Page 2 |
|---|--|
| PROPERTY NAME: Michigan Boy Mine | County: |
| OTHER NAMES: | |
| MINERAL COMMODITY(IES): | |
| TYPE OF DEPOSIT: | Quad Sheet: |
| ACCESSIBILITY: | Sec, T, R |
| OWNERSHIP: | Coordinate (UTM): North |
| PRODUCTION: | Eastm |
| HISTORY: | Zone |
| | |
| DEVELOPMENT: | |
| | |
| ACTIVITY AT TIME OF EXAMINATION: | |
| GEOLOGY: rocks are shaley sediments of the Woods Ca | nyon Formation that are dipping 35° to SW. |
| The vein is highly fractured white vuggy quartz wi | th minor pyrite and Fe-Mn oxides (Sample #1813 |
| | me N75E trend as MB-6 and MB-7. The prospects |
| are 15 feet SW of the center of the road. The qua and is nearly vertical. The vein is highly fractur | |
| oxides (Sample #1814). | ed, vaggy, with ilmonite coatings with ca |
| Oxides (bample #1014): | , |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| REMARKS: | |
| neimanno. | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| REFERENCES: | |
| | |
| | DATEMOTED |
| EXAMINER: | DATE VISITED: |

| PROPERTY NAME: Michigan Boy Mine | County:Nye |
|---|---|
| OTHER NAMES: | Mining District: Oak Springs |
| MINERAL COMMODITY/JECV. Ag. Pb | AMS Sheet:Goldfield Quad |
| MINERAL COMMODITY(IES): Ag, Pb Vein shear replacement | Quad Sheet: Oak Springs 7½" |
| TYPE OF DEPOSIT: | Quad Sneet: |
| ACCESSIBILITY: Two miles NE of Yucca Flat via a little used dirt road. Access to the area restricted by N.T.S | SecUnsur, T, R |
| OWNERSHIP: Ed Lane of Groom Nevada and the U.S. Government | Coordinate (UTM): |
| PRODUCTION: None reported | North $4 \mid 1 \mid 1 \mid 5 \mid 5 \mid 3 \mid 0 \text{ m}$ East $0 \mid 5 \mid 8 \mid 7 \mid 9 \mid 4 \mid 2 \text{ m}$ |
| PRODUCTION: Notice reported HISTORY: Argentiferous galena reported to carry 11-16 ounces | |
| of Ag and 1½ percent lead could not be identified during the | Zone |
| examination. | |
| | |
| DEVELOPMENT: _Workings consist of a 50 foot inclined shaft and app | proximately eight shallow |
| prospect pits. | |
| | |
| ACTIVITY AT TIME OF EXAMINATION:None | |
| | |
| GEOLOGY: _ The Michigan Boy Mine is located in a low swale 2 mile | es NE of Yucca Flat and |
| appoximately 6 miles SE of the Climax Mine. The mine is at 450 |) feet and exists entirely |
| within laminated quartzites, siltstones and shales of the Wood | S Canyon Formation of Cambrian |
| age. The shaft and prospect pits have been sunk on a NE trend | ing quartz vein system that is |
| partially brecciated. The veins are inclined as much as 60° t | the NW in the southern prospects |
| and appear to flatten out to the north. | |
| The Michigan Boy shaft is inclined approximately 45° | to the NW. Branches of the quartz |
| vein, approximately 6-12" in width, strike N40E 55W. The veins | are emplaced along and within |
| normal fault structures as evidenced by drag folds developed i | n sediments adjacent to the fault. |
| The vein is sheared vuggy and contains abundant Mn-Fe oxides. | Sample #1801 and 1806 taken from |
| the mine dump and sidewalls contained quartz, pyrite and Cu-Fe | -Mn oxides. None of the reported |
| argentiferous galena was found. A brunton and tape survey was made keying off the Mic | higan Boy shaft (See enclosed map). |
| MB1 - Workings consist of 3-4 ft. deep prospect pit 37 ft SW o | f shaft. The prospect explored |
| a quartz vein approximately 18" wide that strikes N20E and dip | s 30NW. Some silicification and |
| limonitic alteration of the sediments was observed adjacent to | the vein. Sample #1807 was mainly |
| fractured quartzite with some pyrite. | |
| MB2 - Shallow prospect located 45 feet due south of t | he shaft. The bedding of the Woods |
| Canyon was N40W. Sample #1808 consists of light gray quartzite | with pyrite and surface coatings |
| of gray jasperiod material. | S - 11 - 1 - NOOH COCH |
| MB3 - Shallow prospect 65 feet SW of shaft. Bedding o | i sediments is Nouw buow. |
| Sample #1809 collected from the prospect consisted of brown sh | are Jasperiod with re-mi oxides; |
| gossan like alteration with remnants of sulfides. MB4 - Shallow prospect 75 feet NE of the shaft. The pr | ospect exposes quartz veins which |
| strike N60E 60NW. Sample #1810 contained pyrite, malachite, s | ome jasperiod, several stages of |
| REMARKS: quartz veining and unidentified green oxides. | 5 J , |
| MB5 - The fault exposed in the prospect is approximate | ly 10 ft wide, strikes N15W 80E. |
| Sample #1811 is composed of abundant hematite and Mn oxides wi | th vuggy white quartz in a host |
| of quartzite and shale. | |
| MB6 - Shallow prospect pit slightly offset to the sout | h from the previous line of |
| prospects. Shaft bears N50W and is 495 feet from MB-6 prospec | t. Sample #1812 contains; pyrite |
| malachite, and quartz crystalls filling cavitites along a faul | t in shales and tine-grained |
| sediments of Woods Canyon Formation. The vein strikes N75E and | dips close to vertical. |
| MB7 - Shallow prospect pit 55 feet SW of MB-6 and 50 f | eet NE of the center of the road. |
| Bearing to MB-6 is N75E. The prospect was sunk on a 12" near1 | y vertical quartz vein. The nost |
| REFERENCES: GQ-214, USGS, Geology of Oak Springs Quad, 1960,1961. | (Continued on the page) |
| HEFERENUES: | |
| | |
| EXAMINER: Quade/Bentz/Smith/Tingley | DATE VISITED: 11-5-82 |
| | |

• •

243)

| MINERAL COMMODITY(IES): WHE OF POPOSIT: ACCESSIBILITY: See. T Coordinate (UTM): North East Zone DEVELOPMENT: DEVELOPMENT: DEFOLOGY: TOCKS are shaley sediments of the Woods Canyon Formation that are dipping 35 the vein is highly fractured white vuggy quartz with minor pyrite and Fe-Mn oxides (1 MB - Another shallow prospect along the same NTSE trend as MB-6 and MB-7. The size 15 feet SW of the center of the road. The quartz vein within: the prospect pit bit and is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings in xides (Sample #1814). | PROFERTY NAME: Michigan Boy Mine | County: |
|--|--|--|
| TYPE OF DEPOSIT: ACCESSIBILITY: DOWNERSHIP: PRODUCTION: HISTORY: ACTIVITY ATTIME OF EXAMINATION: DEVELOPMENT: BEGULORY: TORK TYPE OF EXAMINATION: BEGULORY: TORK ACTIVITY ATTIME OF EXAMINATION: BEGULORY: ACTIVITY ATTIME OF EXAMINATION: BEGULORY: TORK ACTIVITY ATTIME OF EXAMINATIO | OTHER NAMES: | Mining District: |
| Sec, T | MINERAL COMMODITY(IES): | AMS Sheet: |
| DEVELOPMENT: Coordinate (UTM): North | TYPE OF DEPOSIT: | Quad Sheet: |
| PRODUCTION: East Zone DEVELOPMENT: DEVELOPMENT: ACTIVITY AT TIME OF EXAMINATION: DESCRIDINGY: Tocks are shaley sediments of the Woods Canyon Formation that are dipping 35 The vein is highly fractured white vuggy quartz with minor pyrite and Fe-Mn oxides (MB8 - Another shallow prospect along the same N75E trend as MB-6 and MB-7. It are 15 feet SW of the center of the road. The quartz vein within the prospect pit by and is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings in axides (Sample #1814). | ACCESSIBILITY: | , T, R |
| PRODUCTION: INSTORY: DEVELOPMENT: ACTIVITY AT TIME OF EXAMINATION: GEOLOGY: rocks are shaley sediments of the Woods Canyon Formation that are dipping 35. The vein is highly fractured white vuggy quartz with minor pyrite and Fe-Mn oxides (1 MB8 - Another shallow prospect along the same N75E trend as MB-6 and MB-7. The 15 feet SW of the center of the road. The quartz vein within: the prospect pit bind is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings to oxides (Sample #1814). REMARKS: | OWNERSHIP: | |
| DEVELOPMENT: ACTIVITY ATTIME OF EXAMINATION: SECONORY: rocks are shaley sediments of the Woods Canyon Formation that are dipping 35 the vein is highly fractured white vuggy quartz with minor pyrite and Fe-Mn oxides (1 M88 - Another shallow prospect along the same N75E trend as M8-6 and M8-7. The 15 feet SW of the center of the road. The quartz vein within the prospect pit be and is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings to exides (Sample #1814). | | |
| ACTIVITYATIMEOFEXAMINATION: GEOLOGY: rocks are shaley sediments of the Woods Canyon Formation that are dipping 35 the vein is highly fractured white vuggy quartz with minor pyrite and Fe-Mn oxides (1 MB8 - Another shallow prospect along the same N75E trend as MB-6 and MB-7. The 15 feet SW of the center of the road. The quartz vein within the prospect pit be and is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings to exides (Sample #1814). REMARKS: REMARKS: | | |
| ACTIVITYATIMEOFEXAMINATION: GEOLOGY: rocks are shaley sediments of the Woods Canyon Formation that are dipping 35 the vein is highly fractured white vuggy quartz with minor pyrite and Fe-Mn oxides (1 MB8 - Another shallow prospect along the same N75E trend as MB-6 and MB-7. The 15 feet SW of the center of the road. The quartz vein within the prospect pit be and is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings to exides (Sample #1814). REMARKS: REMARKS: | | |
| GEOLOGY: rocks are shaley sediments of the Woods Canyon Formation that are dipping 35 the vein is highly fractured white vuggy quartz with minor pyrite and Re-Mn oxides (in MB8 - Another shallow prospect along the same N75E trend as MB-6 and MB-7. The part of the road. The quartz vein within. the prospect pit be and is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings to exides (Sample #1814). REMARKS: | DEVELOPMENT: | |
| GEOLOGY: rocks are shaley sediments of the Woods Canyon Formation that are dipping 35 the vein is highly fractured white vuggy quartz with minor pyrite and Re-Mn oxides (in MB8 - Another shallow prospect along the same N75E trend as MB-6 and MB-7. The part of the road. The quartz vein within. the prospect pit be and is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings to exides (Sample #1814). REMARKS: | | 5 |
| The vein is highly fractured white vuggy quartz with minor pyrite and Fe-Mn oxides (1 ME8 - Another shallow prospect along the same N75E trend as ME-6 and ME-7. The same 15 feet SW of the center of the road. The quartz vein within the prospect pit be and is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings to exides (Sample #1814). REMARKS: | ACTIVITY AT TIME OF EXAMINATION: | |
| The vein is highly fractured white vuggy quartz with minor pyrite and Fe-Mn oxides (1 ME8 - Another shallow prospect along the same N75E trend as ME-6 and ME-7. The same 15 feet SW of the center of the road. The quartz vein within the prospect pit be and is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings to exides (Sample #1814). REMARKS: | rocks are shaley sediments of the Wood | de Canyon Formation that are dipping 35° to SI |
| MB8 - Another shallow prospect along the same N75E trend as MB-6 and MB-7. The read is feet SW of the center of the road. The quartz vein within the prospect pit be and is nearly vertical. The vein is highly fractured, vuggy, with limonite coatings to exide the same of the vein is highly fractured. Sample #1814). REMARKS: | The vein is highly fractured white vuggy quart | tz with minor pyrite and Fe-Mn oxides (Sample |
| REMARKS: | | |
| REMARKS: | | |
| REMARKS: | and is nearly vertical. The vein is highly fra | actured, vuggy, with limonite coatings with C |
| REMARKS: | oxides (Sample #1814). | |
| REMARKS: | | , |
| REMARKS: | - | |
| | | |
| | | 2.5 |
| | | |
| | | f |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | 2 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| REFERENCES: | REMARKS: | |
| REFERENCES: | | - 1 |
| REFERENCES: | | |
| KEPEKENUES: | | |
| | DEFENENCES. | |
| | REFERENCES: | |
| MINER: DATE VISITED: | RENCES: | |