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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LODE CLAIMS

ALTERNATE NAMES:
UNION CARBIDE LODE CLAIMS

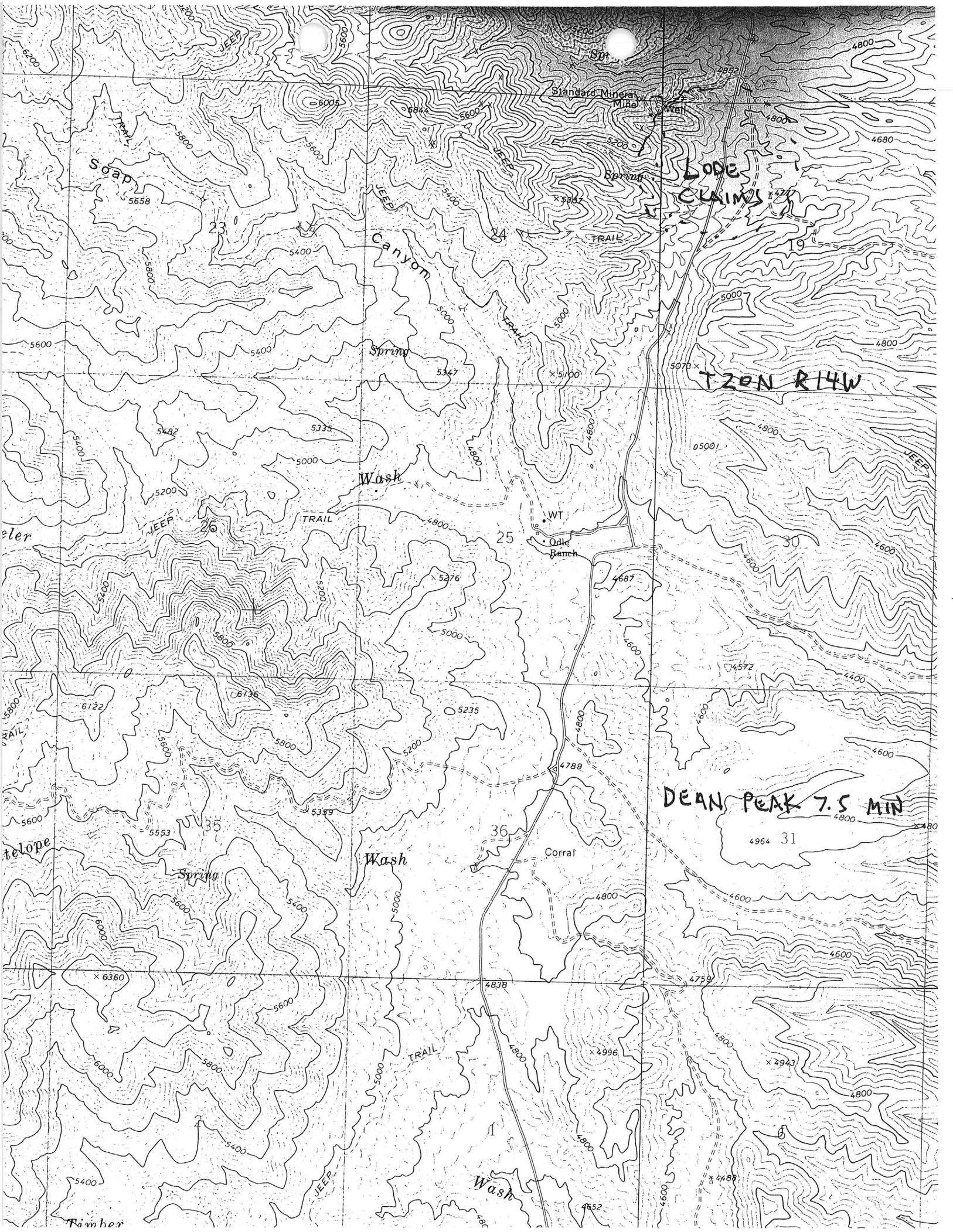
MOHAVE COUNTY MILS NUMBER: 542A

LOCATION: TOWNSHIP 20 N RANGE 14 W SECTION 19 QUARTER NW
LATITUDE: N 35DEG 06MIN 01SEC LONGITUDE: W 113DEG 48MIN 03SEC
TOPO MAP NAME: DEAN PEAK - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
COPPER
MOLYBDENUM

BIBLIOGRAPHY:
ADMMR LODE CLAIMS FILE



LODE CLAIMS

T20N R14W

DEAN PEAK 7.5 MIN

Soap

Canyon

Spring

Wash

Ode Ranch

Corral

Standard Mineral Mine

Well

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

TRAIL

Spring

Wash

Wash

Rancher

eler

telope

Rancher

UNION CARBIDE CORP.

MOHAVE COUNTY
MAYNARD DISTRICT

Union Carbide Corp. has taken up a block of 41 lode claims, "Lode" Nos. 1 to 41, centered about Sec. 19, T.20N., R14W.

TRAVIS P. LANE - Weekly Report - 6-24-61

Location work on large group lode claims for Union Carbide in Maynard district.

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

See: MINING WORLD, Nov. 1961, p 50

Dec. 21, 1961 - Learned from Jerry Haines that Union Carbide is drilling on Soap Wash in the vicinity of the Telluride Chief Mine in the Maynard District. They have a block of some 50 claims and are conducting a diamond drilling program (Boyles Bros., Contractors) investigating copper-moly showings. Jim Morgan is resident Manager for the company. He lives in Kingman but was not available at the time of this visit. Haines performed the location work on the claims and has made access roads and prepared about 20 drill sites. Bear Creek has blocked up about the same number of claims, adjoining the U. C. holdings on the east, but has done no work as yet.

TRAVIS P. LANE - Weekly Report - 12-22-61

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HOLE NO. 1 COORD. N. 62,169.7 DIP Vert DATE STARTED 10-13-61
 PROPERTY: Kingman COORD. E. 79,096.5 BEARING: _____ DATE COMPLETED: 10-30-61
 CLAIM: Mo #13 COLLAR ELEV. 4,667.7 TOTAL DEPTH: 92.3 LOGGED BY: Morgan^{Jr} James E

SUMMARY OF RESULTS: 0 to ±500' alt mod sctc, arg, sil, & K-spar; Mo & Cu sp; 263.2' splcd avg. 0.020% Mo & 0.046% Cu; ±500 to 92.3 alt weak; Mo & Cu very sp; 307' splcd avg. 0.013% Mo & 0.036% Cu.

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	oz. Au	oz. Ag	% WO ₃	REMARKS
	0	10.0	10.0						NC- Overburden & dec. qtz. monz. - No conc.
	10.0	180	80						Qtz monz., weathered frgmts.
	180	276	9.6						NX-Qtz. monz., sctc ab., 1" qtz vn. & 50° @ 25' with Mo ₂ on edges, Fe ₂ ab. diss.
371	276	310	2.6	0.082	0.089				Qtz monz., rel. fresh except adj. to qtz. vnlts where sctc is ab, K-spar sp, arg. on fxs, Mo ₂ sp. diss small xls in qtz vnlts. and small aggregates on margins of vnlts, Fe ₂ sp-mod diss, mag very sp.
570.5 372	310	350	4.0	0.21	0.086	Nil	Nil		Qtz monz., alt. more int. - sctc, chlte, & qtz K-spar vnlts. ab, Mo ₂ same habit as 276-31, but more ab, - Fe ₂ mod. ab. in small aggregates & diss in rx.
373	350	40.0	5.0	0.039	0.049			40.05	Qtz monz., alt. same as 31-35 grading to rel. fresh rx, purple CoFe in qtz vnlts @ 36', Mo ₂ in qtz vnlts & 70°. Fe ₂ mod. diss.
374	400	500	100	0.017	0.059			40.05	Qtz monz. rel. fresh except near qtz-orth vnlts Prod. & 50°, Mo ₂ sp in vnlts, Fe ₂ mod. diss.
375	500	580	80	0.021	0.073				Qtz monz., arg, chlte, K-spar, & sctc. locally ab, occ. qtz vnlts, Mo ₂ very sp. diss in vnlts & as paint some fxs, Fe ₂ mod. diss.
	580	680	100						Qtz monz., arg & chlte alt. int. with bands of silicification & K-feldspathization, Mo ₂ tr. in qtz-K-spar zone @ 61', Fe ₂ mod. diss.

UNION CARBIDE NUCLEAR COMPANY

DRILL LOG

HOLE NO. 1 COORD. N _____ DIP _____ DATE STARTED _____
 PROPERTY: Kingman COORD. E _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM: Mo # 13 COLLAR ELEV. _____ TOTAL DEPTH: _____ LOGGED BY: Morgan

SUMMARY OF RESULTS:

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	% Au	% Ag	% UO ₂	REMARKS
4226	680	690	10	0.009	0.047				Qtz monz., alt same as 58-68, MoS ₂ very sp, FeS ₂ mod. diss.
	690	730	40						Qtz monz., arg, chlte, + K spar ab, MoS ₂ as xls on edge of vert qtz vult + as paint some fxs, FeS ₂ mod. diss, bcc + gg. 72-74.
	730	95.0	220						Qtz monz. rel fresh except near qtz-orth vults. Pred. δ 70°, chlte, srcte, + K-spar ab. near vults, MoS ₂ fr. 90-91', FeS ₂ SP. diss.
4227	950	1010	60	0.020	0.043				Qtz monz, alt same as 73-95, MoS ₂ sp. diss. minute Xls. δ 30°-40° + vert, FeS ₂ SP. diss.
	1010	1060	50						Qtz monz., K-spar + chlte ab. throughout, arg locally ab.
4228	1060	112.5	65	0.014	0.044			40.05	Qtz monz., same as 101-106 except int. bcc + gg. 109-112.5, MoS ₂ paint some fxs.
	112.5	122.8	10.3						Qtz monz., rel. fresh except near occ. qtz orth vults. where chlte + srcte are mod. ab, arg locally ab, MoS ₂ fr @ 114+117, FeS ₂ SP in vugs of some qtz vns. + SP. diss. in rx.
4229	122.8	129.7	6.9	0.024	0.063			40.05	Qtz monz., alt same as 112.5-122.8 except qtz orth vults. more ab δ 60°, MoS ₂ sp. in + along some vults, FeS ₂ mod. diss.
	129.7	140.0	10.3	0.018	0.048			40.05	Qtz monz., alt + min. same as 122.8-129.7

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HOLE NO. 1 COORD N _____ DIP _____ DATE STARTED _____
 PROPERTY: Kingman COORD E _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM: Mo # 13 COLLAR ELEV. _____ TOTAL DEPTH: _____ LOGGED BY: Morgan

SUMMARY OF RESULTS:

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	oz Au	oz Ag	% WO ₃	REMARKS
	1400	143.2	3.2						Qtz monz. - rel fresh, OCC. qtz-orth vnlt. & 50° MoS ₂ tr. @ 1410, FeS ₂ very sp. diss.
4231	143.2	149.5	6.3	0.067	0.059			40.05	Qtz. monz., same as 140-143.2 grading to K-spar + chlte ab, qtz-orth vnlt. & 50°, MoS ₂ in some vnlt. + as Paint some fxs, FeS ₂ very sp. diss.
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4232	153.6	154.5	0.9	0.062	0.085			40.05	Qtz. monz., alt same as 143.2-149.5, FeS ₂ sp. diss.
	154.5	164.3	9.2						Qtz. monz., K-spar + chlte ab, MoS ₂ sp. in 1/2" qtz vnt & 60°, FeS ₂ sp. diss.
	160	161							Qtz. monz., alt same as 153.6-154.5, MoS ₂ sp. diss.
4233	164.3	172.3	8.0	0.092	0.080	Nil	Tr	40.05	160-161, FeS ₂ very sp. diss.
5706	164.3	172.3	8.0	0.092	0.080	Nil	Tr	40.05	Qtz. monz., K-spar + chlte ab, MoS ₂ sp. in qtz vnt & 30° + as Paint some fxs, bcc. + gg. 166-167 + 171-172-3
4234	172.3	181.0	9.7	0.044	0.051			40.05	Qtz. monz., alt same as 164.3-172.3, MoS ₂ Paint some fxs, FeS ₂ very sp, bcc. + gg. throughout
	181.0	189.2	8.2						Qtz. monz., Chlte + K-spar ab, few qtz-orth vnlt. & 30°-60°, MoS ₂ very sp. @ 183, 184, + 185, FeS ₂ sp. diss.
4235	189.2	190.5	1.3	0.005	0.035			40.05	Qtz. monz., alt same as 181.0-189.2, MoS ₂ sp. in qtz-orth vnt & 50°, FeS ₂ very sp. diss.
	190.5	199.3	8.8						Qtz. monz., Chlte + K-spar ab, MoS ₂ tr. in qtz-orth vnlt. 195, 196, + 198, FeS ₂ very sp. diss.
4236	199.3	206.8	7.5	0.068	0.041			40.05	Qtz. monz., alt same as 190.5-199.3, MoS ₂ sp. in vert qtz-orth vnt + paint some fxs, FeS ₂ sp. diss.

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HOLE NO. 1 COORD. N. _____ DIP _____ DATE STARTED _____
 PROPERTY: Kingman COORD. E _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM: Mo # 13 COLLAR ELEV. _____ TOTAL DEPTH: _____ LOGGED BY: Morgan

SUMMARY OF RESULTS:

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	% Au	% Ag	% WOs	REMARKS
5531	199.3	210.0	3.2	0.013	0.041				Qtz monz, rel. fresh except for minor Chl + K-spar, Mos ₂ sp in qtz. vnlts. & s 30°-50°, FeS ₂ very sp. diss.
5532	210.0	220.0	10.0	0.010	0.044				Qtz monz, alt. same as 199.3-210.0, Mos ₂ sp in qtz-orth vnlts. & s 50°-vert, FeS ₂ very sp. diss.
5533	220.0	230.0	10.0	0.007	0.040				Qtz monz, alt. + min same as 210-220, bcc. + gg. 227-230
5534	230.0	240.0	10.0	0.005	0.050				Qtz monz, alt. + min same as 230-240 except bcc. + arg. throughout.
5535	240.0	250.0	10.0	0.005	0.038				Qtz monz, alt. + min same as 230-240, Mos ₂ thin sm @ 245' & 20°.
5536	250.0	260.0	10.0	0.005	0.038				Qtz. monz, alt. same as 240-250, Mos ₂ very sp. diss. small xls. in vert qtz. vnlts. + as point some fxs, FeS ₂ very sp. diss.
5537	260.0	270.0	10.0	0.005	0.038				Qtz. monz, alt. same as 250-260, No visible Mos ₂ , FeS ₂ very sp. diss.
5538	270.0	280.0	10.0	0.010	0.042				Qtz monz, alt. same as 260-270 grading to qb. Chl + K-spar @ 271, Mos ₂ sp. diss. in some qtz-orth vnlts. + point some fxs., FeS ₂ very sp. diss.
5539	280.0	290.0	10.0	0.006	0.036				Qtz. monz, alt. pred. arg. 280-283, Pred Chl + K-spar 283-286, Pred arg. 286-290, Mos ₂ very sp in qtz vnlts @ 284; FeS ₂ very sp. diss.
5540	290.0	300.0	10.0	0.009	0.040				Qtz monz, alt. Pred arg., bcc. + gg. throughout, Mos ₂ fr 295 + 298, FeS ₂ very sp. diss.
5541	300.0	310.0	10.0	0.005	0.035				Qtz monz, alt. to 307 same as 290-300 + Pred K-spar + Chl + 307-310, bcc. + gg. 308-310, Mos ₂ fr @ 306.5, FeS ₂ mod. diss., mag fr @ 307.

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HOLE NO. 1 COORD. N. _____ DIP _____ DATE STARTED _____
 PROPERTY: Kingman COORD. E _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM: Mo # 13 COLLAR ELEV. _____ TOTAL DEPTH: _____ LOGGED BY: Morgan

SUMMARY OF RESULTS:

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	%	%	%	REMARKS
5542	310.0	320.0	10.0	40.005	0.051				Qtz. monz, alt. to 317 same as 307-310, From 317-320 arg, chlte, + K-spar about equal, bcc + gg 319-320, no visible Mos ₂ , FeS ₂ , mod diss.
5543	320.0	330.0	10.0	40.005	0.037				Qtz. monz. alt. to 325 same as 317-320, Pred chlte K-spar ab. 325.0-330.0, Mos ₂ thin sm. 45° @ 328'; FeS ₂ mod. diss., bcc + gg 320-321, 323-324, + 325
5544	330.0	340.0	10.0	40.005	0.029				Qtz. monz., alt. same as 325-330, Mos ₂ thin sm @ 339'
5545	340.0	347.0	7.0	40.005	0.038				FeS ₂ SP. diss, mag SP.
5546	347.0	350.0	3.0	0.11	0.037				Qtz. monz, alt. same as 340-347, Mos ₂ high-grade filling cavities in and around Qtz. vnt. 45°; Mos ₂ cuts mass FeS ₂ in vnt.
5547	350.0	360.0	10.0	0.007	0.050				Qtz. monz, alt. same as 347-350, Mos ₂ very SP @ 354'; FeS ₂ + mag as mass aggregates in same Qtz. vns, Cu Fr. @ 356'
	360.0	374.0	14.0						Qtz. monz, biotite rel fresh, but locally chloritic, few barren Qtz. vnts, FeS ₂ very SP. diss in rx.
	374.0	384.0	10.0						BX- Qtz. monz, rel. fresh except for local chlte + K-spar, FeS ₂ very SP. diss.
5548	384.0	386.0	2.0	0.007	0.039				Qtz. vn, irreg near vert, K-spar + chlte ab. near vn, Mos ₂ + FeS ₂ very SP.
	386.0	400.0	14.0						Qtz. monz, chlte + K-spar ab, secte locally ab, some Qtz. vnts. 45°; No vis. Mos ₂ , FeS ₂ SP, mag. in mass aggregates

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HOLE NO. 1 COORD. N _____ DIP _____ DATE STARTED _____PROPERTY: Kingman COORD. E _____ BEARING: _____ DATE COMPLETED: _____CLAIM: Mo #13 COLLAR ELEV: _____ TOTAL DEPTH: _____ LOGGED BY: Morgan

SUMMARY OF RESULTS: _____

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	%	%	%	REMARKS
	400.0	433.0	33.0						locally ab., bcc. 396-398 Qtz. monz., rel. fresh except near occ. qtz-orth vnlts arg. + srcte in Post min. bcc., Mos ₂ trs. @ 411, 414, 420, + 432, FeS ₂ sp. diss, mag. in mass aggregates locally ab.
	433.0	440.0	7.0						Qtz. monz., alt. pred. chlt + K-spar with srcte locally ab FeS ₂ very sp, mag. in mass aggregates on edges some qtz. vnlts.
5549	440.0	443.0	3.0	0.005	0.048				Qtz. monz., alt. same as 433-440, Mos ₂ very sp some qtz vnlts
	443.0	479.0	36.0						Qtz. monz., alt. same as 440-443, Mos ₂ tr. @ 458, FeS ₂ very sp, mag. locally ab, bcc. + clay @ 458, 467-468.
5550	479.0	480.0	1.0	0.018	0.042				Bcc. zone clay + srcte ab., Mos ₂ paint some fxs.
	480.0	483.0	3.0						Qtz. monz., alt. Pred. chlt + K-spar, Mos ₂ tr. @ 481
	483.0	506.0	23.0						Qtz. monz. (?) int. altered to mostly qtz + K-spar, with diss. large xls. srcte + chlt, qtz vnlts. very sp, Mos ₂ in assoc. ab. srcte @ 505.
5551	506.0	507.3	1.3	0.050	0.091				Qtz. monz., srcte ab., K-spar locally ab., Mos ₂ mod. diss. in assoc. ab. srcte + aggregates f.g. FeS ₂ , also as paint some fxs., hem. sp.
5552	507.3	510.0	2.7	0.008	0.041				Qtz. monz., K-spar very ab., srcte mod. diss., Mos ₂ (?) as paint some fxs., FeS ₂ max. in qtz vnlts @ 50°
5553	510.0	520.0	10.0	0.007	0.050				Qtz. monz., alt. same as 507.3-510.0, Mos ₂ very sp diss. in zones of higher srcte conc., + as paint some fxs.

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DRILL LOG

HOLE NO. 1 COORD. N _____ DIP _____ DATE STARTED _____
 PROPERTY: Kingman COORD. E _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM: Mo # 13 COLLAR ELEV: _____ TOTAL DEPTH: _____ LOGGED BY: Morgan

SUMMARY OF RESULTS: _____

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	%	%	%	REMARKS
5554	5200	530.0	10.0	0.010	0.047				Qtz monz, alt. same as 510-520 except K-spar more ab, 1/4 gte. vns, Mos ₂ trs. diss. in rx, FeS ₂ very sp.
5555	5300	5400	10.0	0.010	0.028				Qtz monz, alt + min same as 520-530, except mag. tr.
5556	5400	550.0	10.0	0.010	0.013				Qtz monz, alt + min same as 530-540.
5557	5500	5600	10.0	0.006	0.011				Qtz monz, alt + min same as 540-550, except tr. zns in 2" gte. vn. @ 555.'
5558	5600	563.0	3.0	0.005	0.027				Qtz monz, alt + min same as 550-560, bcc tgg. 5625-563
5559	5630	5730	10.0	0.005	0.059				Qtz monz, alt + min same as 560-563, Mos ₂ as point on side of gte. vult. @ 570'
5560	5730	5830	10.0	0.013	0.043				Qtz monz. alt + min same as 563-573, mag. ab. in 2" gte. vn. @ 579.
5561	5830	5900	7.0	0.015	0.031				Qtz monz, alt + Mos ₂ same as 573-583, FeS ₂ + CuFeS ₂ very sp. diss., mag. sp. erratically diss.
5562	5900	6000	10.0	0.014	0.039				Qtz monz, alt. same as 583-590, Mos ₂ very sp. diss, FeS ₂ + CuFeS ₂ very sp. diss., mag. sp. diss., barren gte. vult. @ 50'
	6000	6300	30.0						Qtz monz, alt + min same as 590-600 except Mos ₂ less ab.
5563	6300	6400	10.0	0.008	0.024				Qtz monz, alt + min same as 600-630, except Mos ₂ somewhat more ab, FeS ₂ + CuFeS ₂ less ab, tr. of Purple CuFe ₂ .
	6400	6500	10.0						Qtz monz, alt. same as 630-640, Mos ₂ very sp. diss, + as point some rx, FeS ₂ + CuFeS ₂ very sp.

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DRILL LOG

HOLE NO. 1 COORD. N. _____ DIP _____
 PROPERTY: Kingman COORD. E. _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM: Mo #13 COLLAR ELEV. _____ TOTAL DEPTH: _____ LOGGED BY: Morgan-Eyrich
 SUMMARY OF RESULTS: _____

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	%	%	%	REMARKS
5564	650.0	660.0	10.0	0.007	0.012				Qtz. monz., alt. same as 640-650, Mos ₂ , FeS ₂ + CuFeS ₂ Very sp. diss.
	660.0	670.0	10.0						Qtz. monz., alt. to 664 same as 650-660, more silic & less K-spar. 664-670, Mos ₂ , CuFeS ₂ , FeS ₂ + mag. very sp. throughout.
5565	670.0	680.0	10.0	0.012	0.026				Qtz. monz., alt. K-spar pred to 672, silic pred 672- 680, several sil-healed sms @ 50°, Mos ₂ , FeS ₂ , CuFeS ₂ Very sp, mag sp.
5566	680.0	690.0	10.0	0.005	0.030				Eyrich Logging Qtz. monz., alt. K-spar upto 40% locally, mod srtct & sil, several 1/8" to 1/2" Qtz vns. @ 685, total sulph 5.7%, FeS ₂ with very sp. CuFeS ₂ , mag & Mos ₂ diss.
5567	690.0	700.0	10.0	0.013	0.018				Qtz. monz., alt. same as 680-690 with K-spar decrea- sing to ± 10%, mod srtct & sil, increasing Mos ₂ diss & in Qtz. vults., FeS ₂ , CuFeS ₂ , mag & Mos ₂ sp. to very sp., @ 694 & 35° 1/8" Qtz. FeS ₂ , Mos ₂ , @ 696 250° 1/4" diss CuFeS ₂ , FeS ₂
	700.0	710.0	10.0						Qtz. monz., alt. same as 690-700, less Mos ₂ , sp. FeS ₂ & mag, very sp. CuFeS ₂ + Mos ₂ diss, shears with smeared mag & occ. Mos ₂ common.
	710.0	720.0	10.0						Qtz. monz., alt. same as 700-710, strong shearing & micro hcc. 712 to 715, Chlts & hem (after mag) developed in shears, sp. FeS ₂ & mag with very sp. Mos ₂ , srtct somewhat coarser grained.

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DRILL LOG

HOLE NO. 1 COORD. N. _____ DIP _____ DATE STARTED _____
 PROPERTY: Kingman COORD. E _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM: Mo# 13 COLLAR ELEV. _____ TOTAL DEPTH: _____ LOGGED BY: Eyrich

SUMMARY OF RESULTS: _____

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	%	%	%	REMARKS
5568	720.0	730.0	10.0	0.015	0.014				Qtz. monz., K-spar up to 30% locally, mod sil + srcte, occ. shears usually with mag + hem smears + development of coarse srcte, occ chlte, occ open fx, MoS_2 + $CuFeS_2$ diss throughout + occ. in Qtz vnlts. with FeS_2 + mag, sulph $\pm 1\%$, rx color light gray, @ 720 & 720' 1/2" Qtz MoS_2
	730.0	740.0	10.0						Qtz. monz., alt same as 720-730 with fewer shears + slightly less alt., sp. FeS_2 + mag, very sp MoS_2 + $CuFeS_2$
	740.0	750.0	10.0						Qtz. monz., K-spar $\pm 10\%$, mod to low sil + srcte, sulph $\pm 1\%$, FeS_2 + mag very sp, $CuFeS_2$ + MoS_2 diss + in Qtz vnlts.
5569	750.0	760.0	10.0	0.005	0.042				Qtz. monz., alt + min same as 740-750, unidentified black min assoc. with FeS_2 + $CuFeS_2$ @ 759'
5570	760.0	770.0	10.0	0.010	0.019				Qtz. monz. alt + min same as 750-760
5571	770.0	780.0	10.0	0.008	0.016				Qtz. monz. alt + min same as 760-770, several Post-min shears - some with 1/2" mylonite, tr of CaF_2 noted on one shear
5572	780.0	790.0	10.0						Qtz. monz., K-spar 10-50%, mod sil + srcte - no mafics remaining, sulph $\pm 1\%$, FeS_2 , mag, MoS_2 + $CuFeS_2$ diss + in sil fxs., mylonite on most shears, min fxs + shears commonly 40° - 50°
5573	790.0	800.0	10.0	0.012	0.026				Qtz. monz., alt + min same as 780-790, fewer shears recovery 75%
5578	800.0	810.0	10.0	0.012	0.018				Qtz. monz. alt + min same as 790-800, recovery 70%

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DRILL LOG

HOLE NO: 1 COORD N: _____ DIP: _____ DATE STARTED: _____
 PROPERTY: Kingman COORD E: _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM: Mo # 13 COLLAR ELEV: _____ TOTAL DEPTH: _____ LOGGED BY: Eyrich

SUMMARY OF RESULTS: _____

SAMPLE NR	FROM	TO	FEET	% Mo	% Cu	%	%	%	REMARKS
5575	810.0	820.0	10.0	0.011	0.011				@ 707 1/2" + qtz, CuFeS ₂ , MoS ₂ some bcc. Qtz. monz., alt + min same as 790-800, @ 819 & 35° 1/8"
5577	820.0	830.0	10.0	0.005	0.010				qtz, MoS ₂ , CuFeS ₂ , most min. assoc. with qtz. vns. Qtz monz., alt + min. same as 790-800. Sulph 0.5%, FeS ₂ Mag sp, CuFeS ₂ + MoS ₂ very sp
5580	830.0	835.0	5.0	0.005	0.023				Qtz. monz., alt + min same as 820-830 at top of run becoming coarser grained toward bottom due to replacement of feldspar by eyes of qtz + K-spar
5581	835.0	840.0	5.0	0.005	0.081				Qtz-K-spar-srctc replacement dike 836.5-838.5 with increase of diss. mag. on both sides, 6" (P) (some core loss) qtz. vns. @ 835 with CuFeS ₂ , ZnS (P) + PbS (P), unidentified non-mag black min + MoS ₂ @ 837 & 75° 1" qtz, CuFeS ₂ FeS ₂ + mag.
5582	840.0	850.0	10.0	0.005	0.024				Qtz. monz., light gray, med to coarse grained, mod. sil + srctc, some chlte, sulph ± 1% FeS ₂ , sp CuFeS ₂ , very sp. MoS ₂ diss throughout, mod mag diss, fault zone starts @ 848 containing shears, micro bcc. of qtz, K-spar, srctc + minor sulph as above
5583	850.0	860.0	10.0	0.005	0.015				Qtz monz., fault zone ends @ 850.5, then slightly alt. light gray Qtz. monz. with most of biotite remaining unaltered, mag replaces mafics locally, some chlte, Sulph 0.5% FeS ₂ , CuFeS ₂ , + MoS ₂ very sp. mostly on shear surfaces, local sil + K-spar along fxs.

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DRILL LOG

HOLE NO. 6 COORD. N _____ DIP _____ DATE STARTED _____
 PROPERTY: Kingman COORD. E _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM: Mo # 4 COLLAR ELEV: _____ TOTAL DEPTH: _____ LOGGED BY: Morgan
 SUMMARY OF RESULTS: _____

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	oz Au	oz Ag	%	REMARKS
5791	65.0 (75.5	78.0 76.0	13.0 0.5)			Tr	0.20		Qtz monz. all same as 605-65, @ 75°-76.0° gtz vn. with diss aggs. mass FeS ₂ , FeS ₂ mod. diss. in rx, total sulph ± 1%, bcc. locally int.
	78.0	89.0	11.0						Qtz monz, K-spar 45%, arg ± 5%, chlte ab, no gtz Vng., FeS ₂ mod. diss., total sulph ± 1%.
5820	89.0	89.5	0.5	0.06	0.03				Qtz monz., all same as 78-89, gtz vn. 1/8" @ 85° with Mo. Point on edges, FeS ₂ sp.
	89.5	102.0	12.5						Qtz monz. chlte ab, K-spar ± 5%, srcte minor, MoS ₂ as sp. Point on 2" bcc. gtz frgmt @ 100', CuFeS ₂ sp. diss + FeS ₂ mod. diss. in rx, bcc. mod-int.
	102.0	116.0	14.0						Qtz monz, rel. fresh except for locally ab. arg, alternating with zones of ab. K-spar in thin veins & patches, chlte mod. ab. srcte minor, MoS ₂ sp. diss. in 1/4" gtz-orth. vn. @ 35° @ 115.5', FeS ₂ mod. diss. in small xls. & in mass aggs. along heated frs., CuFeS ₂ very sp. total sulph 1-2%, bcc. mod-int.
	116.0	135.7	19.7						Qtz monz., chlte mod. ab., K-spar locally ab. in patches & sms. av. 45%, srcte locally ab. in patches & sms. av. 45%, arg ± 5%, MoS ₂ very sp. in gtz-orth. vn. @ 30° @ 118', FeS ₂ mod. diss., CuFeS ₂ sp., total sulph ± 2% bcc. mod-int.

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HOLE NO. 6 COORD. N 60,232.0 DIP Vert DATE STARTED 11-28-61
 PROPERTY Kingman COORD. E 37,320.2 BEARING: _____ DATE COMPLETED 12-1-61
 CLAIM Mo #4 COLLAR ELEV. 4,817.9 TOTAL DEPTH: 261 LOGGED BY: Morgan

SUMMARY OF RESULTS: Alt int srcte - mod arg + sil - minor K-spar; Mo + Cu sp; 32' spld. avg. 0.050% Mo + 0.090% Cu

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	OZ Au	OZ Ag	% Zn	REMARKS
	0	20.0	20.0						4 3/4" Rock bit - No core
	20.0	24.5	4.5						NX - Qtz monz., K-spar + srcte minor, Chlte mod, Fe ox on fx, FeS ₂ sp diss, total sulph 4.6%, azurite tr. @ 23'
	24.5	25.0	0.5						Qtz. vn., bcc. int., FeS ₂ diss. mass aggregates, Cu ₂ S sp, total sulph 2.9%
	25.0	32.0	7.0						Qtz monz., arg. ±10%, Chlte, srcte, + K-spar minor, bcc. int, FeS ₂ sp diss.
5817 5190	32.0	36.0	4.0	0.06	0.20	Tr	0.10		Qtz. vn., bcc. int, mass FeS ₂ locally ab avg ±1%, CuFeS ₂ + Cu ₂ S sp
	36.0	49.0	13.0						Qtz monz., K-spar ±5%, srcte in sms + small aggregates 5%, Chlte mod ab, occ 1/2" qtz vnls @ 30° with FeS ₂ sp diss., MoS ₂ tr on fx surf @ 47'
5818	49.0	53.0	4.0	0.04	0.06				Qtz monz., alt same as 36-49 except srcte 5%, qtz vn with mod diss FeS ₂ 49-49.5, FeS ₂ mod diss in rx, CuFeS ₂ sp., MoS ₂ sp. as paint on fx @ 52' + ab. @ 53' total sulph ±1%
	53.0	60.5	7.5						Qtz monz., alt same as 49-53, no qtz vng, FeS ₂ mod. diss CuFeS ₂ sp diss, total sulph ±1%
5819	60.5	65.0	4.5	0.006	0.04			0.005	Qtz monz., alt same as 53-60.5, 1/2" qtz vn @ 35° @ 61' w mass diss FeS ₂ , qtz frags. @ 65' with heavy MoS ₂ paint some fx; FeS ₂ mod diss in rx total sulph ±2%

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DRILL LOG

HOLE NO. 6 COORD. N _____ DIP _____ DATE STARTED _____
 PROPERTY: Kingman COORD. E _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM: Mo # 4 COLLAR ELEV: _____ TOTAL DEPTH: _____ LOGGED BY: Eyrich
 SUMMARY OF RESULTS: _____

SAMPLE NO.	FROM	TO	FEET	% Mo	% Cu	% Au	% Ag	%	REMARKS
	135.7	143.0	7.3						Lamprophyre dike, upper contact δ 30° lower contact δ 27°, heavily chitric & arg. alt. with many irreg. carbonate vnlts up to $\frac{1}{2}$ " mostly parallel to contacts, shearing minor, no sulph min., minor diss cuprite & SP in carbonate vnlts.
	143.0	153.0	10.0						Quartz monz., heavy alt. & micro bcc., sil, arg, K spar, chlte, srate. minor, 3" gtz bcc on fw of dike, total sulph \pm 3% FeS ₂ , MoS ₂ & CuFeS ₂ . Very SP along gtz vns. & fx. surfaces, shearing mod.
	153.0	161.0	8.0						Qtz monz., alt., min & structure same as 143-153. δ \pm 40° @ 157.3 lamprophyre dike similar to 135.7-143.
5821	161.0	162.0	1.0	0.05	0.19				Sil zone, sheared with MoS ₂ paint many fx surfaces.
	162.0	167.0	5.0						Qtz monz., alt., min & structure same as 143-153.
	167.0	176.0	9.0						Qtz monz., sil, K-spar, arg, srate, chlte mod with some biotite remaining, sulph \pm 2% FeS ₂ , very SP MoS ₂ , CuFeS ₂ , mod shearing δ 10°-30°, @ 169' δ 25° $\frac{1}{2}$ " gtz, CaFe with FeS ₂ & MoS ₂ in gtz add.
5822	176.0	185.0	9.0	0.004	0.05				Qtz monz., heavy alt. K-spar, sil, arg, srate, chlte with several gtz-orth vnlts. 1" @ δ 25° with MoS ₂ ; diss FeS ₂ \pm 2% throughout, shearing mod δ 30°, bcc. increases in last 2' to h.w. of dike.
	185.0	190.0	5.0						Lamprophyre dike, dark gray-green, heavy chlte-arg with several carbonate vnlts δ 20-25°.

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DRILL LOG

HOLE NO. 6 COORD. N _____ DIP _____ DATE STARTED _____
 PROPERTY Kingman COORD. E _____ BEARING: _____ DATE COMPLETED: _____
 CLAIM Mo # 4 COLLAR ELEV. _____ TOTAL DEPTH: _____ LOGGED BY: Fyrich

SUMMARY OF RESULTS:

SAMPLE NO.	FROM	TO	FEET	%		OZ		%	REMARKS
				Mo	Cu	Au	Ag		
5823 5792	190.0	199.0	9.0	0.12	0.15	Nil	Nil		h.w. contact & irreg. 40°, f.w. & ± 20°, no sulph diss hem/or cuprite (?) minor Qtz vn with 2-20% Sulph FeS ₂ , minor CuFeS ₂ MoS ₂ , chlte, & srcte., 2" gauge @ 199'
	199.0	203.0	4.0						Lamprophyx dike similar to 185-190, f.w. contact & 50°, minor movement marked by carbonate vng, margins of dike usually bleached by alteration
	203.0	208.5	5.5						Qtz monz, heavy alt & micro bcc, K-spar, sil, arg, chlte, srcte, sulph ± 2% FeS ₂
	208.5	211.0	2.5						Lamprophyx dike, less carbonate vng, h.w. contact & 50° with 1 1/2" qtz bcc. above, f.w. contact same
	211.0	221.0	10.0						Qtz monz. Mod to low alt. chlte, arg, minor K-spar sulph ± 1% FeS ₂ , Very SP CuFeS ₂ , MoS ₂ point on fx @ 211' 3" sheared qtz. with FeS ₂ , CuFeS ₂ , shearing mod to low & 10°-30°
	221.0	244.0	23.0						Quartz monz, alteration slight < 5% chlte, arg, srcte, K-spar along fx, shearing minor, sulph 0.5% FeS ₂ , Very SP CuFeS ₂ , MoS ₂ with qtz-orth vnlts, magt hem minor.
	244.0	261.0	17.0						Qtz monz, alt & min same as 221-244, @ 253' 1" qtz FeS ₂ + MoS ₂ - the MoS ₂ is in sheared part of 1/2".
Bottom of Hole									