UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4543

	ARIZONA	
	Land	District.
	FIELD NOTES	
	Of The Survey Of The Mining Claim	Of
	INSPIRATION CONSOLIDATED COPPER (COMPANY
	Known As The	
	RED BIRD, SQUAW PEAK and AGURITA LOI	DES
	Banner	Mining District,
	Gila County, Arizo	ona
Section .	30 , Township 4 South , Ra	ange 16 East, G.& S.R.M.
Surv	veyed under order dated <u>September 9</u>	, 1960
	by OSCAR T. SM	MITH Mineral Surveyor.
	Claim located (See Reverse Side)	, 19
	Survey commenced January 6	, 1 <u>9.61</u>
	Survey completed February 10	, 19.61
	Address of claimant Inspiration, Arizo	ona
	DATES OF AMENDED LOCATIONS	

Name of Location Date of Location

Red Bird

12-24-02

Squaw Peak

12-24-02

Agurita

1-1-03

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This survey was made with a Keuffel & Esser Co. Transit No. 131481 with horizontal limb 5 ins. diam., having two double opposite verniers, and full verticle circle 3-1/2 ins. diam., having one double vernier; the verniers read to one minute of arc; the eyepiece is equipped with a colored shade set in the dust shutter for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation:

January 6, 1961; at cor. No. 1 of the Agurita lode in latitude 33° 03' 30" N., and longitude 110° 44' 53" W., I make a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from reference point 701.00 ft. southeastward clockwise to the sun.

Mean time of observation, 105th meridian standard time _ = 2^h53^m P. M.

Declination of sun at mean time of observation = 22° 26' 23" S.

Mean observed vertical angle to sur's center = 26° 06' 20"

Mean horizontal angle from reference point to sun's center = 75° 11' 40" S.E.

True bearing to reference point = S. 40° 50' 18" E.

The lines were measured with a Keuffel & Esser steel tape 500.00 ft. in length, graduated every foot for 500.00 ft., with the first and last foot graduated in tenths and hundredths; the tape was compared with a standard 100.00 ft. invar tape at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 13° 40' E.

Feet

SURVEY NO. 4543

RED BIRD LODE

Beginning at cor. No. 1 of the Red Bird lode, identical to cor. No. 1 Sur. No. 2175 Farrel lode.

On line 1-2 Sur. No. 2175 South Star lode.

A granite stone 8x10 ins. 8 ins. above ground, with mound of stone, chiseled F-1-2175 on N. W. face, I add 1-RB-4543 on S. W. face; from which

	SURVEY NO. 4543
Pett since a control of the control	The cor. of secs. 19, 20, 29 and 30, T. 4 S., R. 16 E., G. & S. R. M., bears N. 31° 44: 45" E. 2306.65 ft. dist.; an iron pipe 1 in. diam., 16 ins. above ground, firmly set, mkd. and witnessed as described in the official record.
diseasons fis bas	A granite rock in place 3x4x2 ft. above ground bears N. 83° W. 19.6 ft. dist. X BR-1F-2175-RB-1-4543.
oy the .	A granite rock in place $l\frac{1}{2}x2x1$ ft. above ground bears N. 58° E. 15.2 ft. dist. mkd. X BR-1F-2175-RB-1-4543.
	Thence S. 40° 50' E.
191.00	Lode line; discovery point bears S. 79° 54' W. 1400.00 ft. dist.
best	or. No. 2, identical with cors. No. 1 Sur. Nos. 2175 and 1763 outh Star and Christmas lodes and cor. No. 1 Squaw Peak lode of this survey, and on line 1-2 Sur. No. 2175 Cannon Ball lode.
	A granite stone $2\frac{1}{2}x2x1\frac{1}{2}$ ft. above ground, mkd. 1-SS-2175 on N. face, 1-C-1763 on E. face, and I add 2-RB-1 SP-4543 on W. face.
.5 025	No local bearing objects or bearing trees available.
	Thence S. 79° 54' W. Transmission line bears N. 11° 20' E. and S. 11° 20' W.
1020.00	Transmission line bears N. 11 20 B. and B. 11 20 W.
1500.00	Cor. No. 3, identical with cor. No. 4 Squaw Peak lode of this survey.
. F "85 12 Looda is	Set an iron pipe $3\frac{1}{2}$ ft. long, 2 ins. diam., 2 ft. in the ground, with brass cap mkd. $3-RB-4-SP-4543$.
rat bet	A granite rock in place $4x4\frac{1}{2}$ ft., 2 ft. above ground, bears N. 84° 50' E. 6.35 ft. dist., mkd. B+R-3-RB-4-SP-4543.
32.2.2.2.2.2.2.3.3	Thence N. 40° 50' W.
48.69	Intersect line 2-3 of the Agurita lode of this survey.
175.00	Telephone line bears N. 31° 50' E. and S. 31° 50' W.
191.00	Lode line; discovery point bears N. 79° 54' E. 100.00 ft. dist.
382.00	Cor. No. 4. ON YEVEUA
ischten.	Set an iron pipe $3\frac{1}{2}$ ft. long, 2 ins. diam., 2 ft. in the ground, with brass cap mkd. 4-RB-4543.
	No local bearing objects or bearing trees available.
	Thence N. 79° 54' E.
THE RESERVE OF STREET, SAN PARTY AND ADDRESS.	Intersect cor. No. 5 Sur. No. 2175 Farrell lode and line 1-2 Agurita lode of this survey.

Chains -	EUNI ATIRUPA						
268.00	Telephone line bears N. 31° 50' E. and S. 31° 50' W.						
655.00	Road bears N. 39° W. and S. 39° E.						
780.00	Road bears N. 6° E. and S. 6° W.						
810.00	Transmission line bears N. 11° 20' E. and S. 11° 20' W.						
1500.00	Cor. No. 1, and place of beginning.						
	SQUAW PEAK LODE						
Ē	Beginning at cor. No. 1 of the Squaw Peak lode, identical with cor. No. 2 Red Bird lode of this survey, and cor. No. 1 Sur. No. 2175 South Star lode, and cor. No. 1 Sur. No. 1763 Christmas lode on line 1-2 Sur. 2175 Cannon Ball lode; from which						
00.0081	The cor. of secs. 19, 20, 29 and 30 bears N. 23° 11" 03" E. 2448.30 ft. dist., previously described.						
do linte	Thence S. 12° 05' W.						
323.00	Lode line; discovery point bears S. 79° 54' W. 1500.00						
515.62							
646.00	Cor. No. 2. and 1. The egic most as the						
3	Set an iron pipe $3\frac{1}{2}$ ft. long, 2 ins. diam., 2 ft. in the ground, with brass cap mkd. 2-SP-4543.						
	No local bearing objects or bearing trees available.						
	Thence S. 79° 54' W.						
1010.00							
1500.00	Cor. No. 3.						
0. ilk ()	A point on top of a granite rock in place 5x17 ins., 9 ins. above ground, mkd. X-1-SP-4543; from which						
ruod a lov Augusta	A granite rock in place, $2\frac{1}{2}$ x3 ft., 6 ft. above ground, bears N. 80° W. 8.70 ft. dist., mkd. B+R-3-SP-4543.						
	Thence N. 12° 05' E.						
323.00	Lode line, and discovery point.						
646.00	Cor. No. 4, identical with cor. No. 3 Red Bird lode of this survey.						
la mi .o	Thence N. 79° 54° E.						
480.00	Transmission line bears N. 11° 20' E. and S. 11° 20' W.						
1500.00	Cor. No. 1, and place of beginning.						

Chains	AGURITA LODE						
Feet	with cor. No. 4 Sur. No. 2175 Farrel lode, and on 5-1 Sur. No. 2175 Red Dyke lode.						
	A granite rock 10x10 ins., 8 ins. above ground, mkd. X-4-F-2175-1-A-4543; from which						
201 #.	The cor. of secs. 19, 20, 29 and 30 bears N. 540 47' 45" E., 3318.15 ft. previously described.						
	Cor. No. 5 Sur. No. 2175 Red Dyke lode bears S. 79° 54' W. 325.00 ft. dist.						
ao tduebi	No local bearing objects or bearing trees available.						
. O. 27 I.2	mberge & JOO FOLD						
120.00	Road bears N. 67° E. and S. 67° W.						
350.50	Lode line; discovery point bears S. 81° 19' W. 1300.00 ft. dist.						
361.30	Intersect cor. No. 5 Sur. No. 2175 Farrel lode, and on line 4-1 Red Bird lode of this survey.						
397.00							
701.00	Cor. No. 2.						
ele et .	Set an iron pipe $3\frac{1}{2}$ ft. long, 2 ins., diam., 2 ft. in the ground with a brass cap mkd. 2-A-4543.						
	No local bearing objects or bearing trees available.						
	Thence S. 81° 19' W.						
222.1	I Intersect line 3-4 Red Bird lode of this survey.						
385.0							
1500.0	Cor. No. 3.						
(.a.	Set an iron pipe $3\frac{1}{2}$ ft. long, 2 ins. diam., 2 ft. in the ground with brass cap mkd. 3-A-4543; from which						
ov No.	A granite rock in place, 4x4 ft., 2 ft. above ground bears N. 50° W. 5.90 ft. dist., mkd. B+R 3-A-4543.						
	Thence N. 40° 50' W.						
350.5	ft. dist.						
701.0	Cor. No. 4, on line 4-1 Sur. No. 2175 Goldonda lode.						
	Set an iron pipe $3\frac{1}{2}$ ft. long, 2 ins. diam., 2 ft. in the ground with brass cap mkd. 4-A-4543; from which						
26.16.2	Cor. Nos. 1 and 5 Sur. No. 2175 Golconda and Red Dyke lodes bears N. 81° 42' 30" E. 1175.13 ft. dist.						

	Chains Feet	No local bearing objects or bearing aniad soof at trees available of trevocath and from the contract of the co
		Thence N. Ott 190 E. II.
140	8: 50°	Intersect line 1-2 and 4-5 Sur. No. 2175 Golconda and Red Dyke lodes at a point from which cor. Nos. 1 and 5 bears S. 100 06' E. 8.04 ft. dist.
	1490.00	Road bears N. 31° W. and S. 31° E.
W	1500.00	Cor. No. 1, and place of beginning.
	nebay s	SURVEY NO. 4543
		A diamond drill EASTA the center of which bears
		Total area, Red Bird lode 11.307 Total area, Squaw lode 20.599 Total area, Agurita lode 20.438
	36, 20	Sur. No. 2175 Red Dyke lode . 38.240 . 4 0 0.030 Sur. No. 2175, Golconda lode 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	P. 790	Red Bird lode of this survey amend dalaw to gether ent Telod filts became A of balf bea E .oh .noe mLQCATION42. 845 .3 187
	N. 63 ⁰	This survey is located in the S 1/2 of the NE 1/4 and N 1/2 of the SE 1/4 and NE 1/4 of the SW 1/4 and S 1/2 of the NW 1/4 of Sec. 30, T. 4 S., R. 16 E., G. & S. R. M. unsurveyed.
	M. 56° de, 825	The survey of the Red Bird, Squaw Peak and Agurita lodes is identical with the respective location as mkd. on the ground.
	N. 74°	A diamond of EXPENDITURES to because of which Dears
	92. ft. W. 58°	The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claims by the claimant or its grantors is not less than \$500., and that said improvements consist of:
	No. 1	The discovery point of the Red Bird lode, being on the clode line 100.00 ft. from a point on line 3-4, 191.00 ft. from cor. No. 3.5 ft. of the cor. No
	No. 2 de	A shaft, the center of which bears S. 240 13' W. 98.00 ft. from cor. No. 1 Red Bird lode, 6x6 ft., 95 ft. deep. Value, \$4445.
	the ent to	A shaft, the center of which is on line 1-2, 89.00 ft. from cor. No. 1 Red Bird lode, 10x20 ft., 20 ft. deep.
	No.u las	The discovery point of the Squaw Peak lode, being on the lode line and on line 3-4, 323.00 ft. from cor. No. 3. No value.
	No. 2	A shaft, the center of which bears S. 40 35' W. 289.00 ft. from cor. No. 4 Squaw Peak lode, 4x8 ft., 6 ft. deep. Value, \$144.

		SURVEY NO. 4543						
	Ohains-	anie 17						
State of the state	No. 1	The discovery point of the Agurita lode, being on the lode line 200.00 ft. from a point on line 3-4, 350.50 ft. from cor. No. 3.						
2	No. 2	A cut 4 ft. wide, the face of which bears S. 50° 41' E. 342.00 ft. from cor. No. 4 Agurita lode, runs S. 50° E. 17 ft. to a 14 ft. face. Value, \$238.						
		An interest in common improvements described as follows						
		All diamond drill holes are drilled from tunnels under ground. 24c4 .04 Yavaug						
	Acres 11.307 20.599 20.438	A diamond drill hole, the center of which bears N. 10° 07' W. 465.63 ft. from cor. No. 1 Red Bird lode, drilled on a 45° incline, runs S. 11° W. 1250. ft. deep.						
	0.030	A diamond drill hole, the center of which bears N. 71° 07' E. 642.88 ft. from cor. No. 3 Red Bird lode, drilled on a 62° incline; runs S. 298. ft. deep.						
		A diamond drill hole, the center of which bears N. 70° 56' E. 643.24 ft. from cor. No. 3 Red Bird lode, 226. ft. deep.						
	8 1/2	A diamond drill hole, the center of which bears N. 63° 10' E. 681.65 ft. from cor. No. 3 Red Bird lode, 253. ft. deep.						
The same of the sa	rita as mkd.	A diamond drill hole, the center of which bears N. 56° 18°E. 732.00 ft. from cor. No. 3 Red Bird lode, 225. ft. deep.						
- 1	d impro	A diamond drill hole, the center of which bears N. 740 07' E. 419.49 ft. from cor. No. 4 Red Bird lode, drilled on a 64 vincline, runs S. 2 45' E. 292. ft. deep. 10 110 mg and 10 mg and						
-1	if bles on the	A diamond drill hole, the center of which bears N. 58° 19' E. 28.30 ft. from cor. No. 1 Agurita lode, drilled on a 60° incline, runs S. 3° 42' W. 284. ft. deep. 10 to 1						
13	98.00 deep.	These improvements are for the development of the Red Bird lode, Squaw Peak lode and Agurita lode of this. survey, which are all the contiguous lode claims owned in common within the range of benefit of said drill holes.						
	t. deep	Five Hundred Dollars or over has been expended in these improvements in such a manner as tends to the development of each lode of this survey subsequent to its location and to the time since which common owner-						
	289.00	ship and contiguity have prevailed; therefore, an undivided one-third interest in its value is hereby credited to each of said lodes. The original plan for development and extraction of ore is underground mining.						
	.51 0	ft. from cor. No. 4 Squaw Poak lode, 4x0 ft., deep.						

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The portion of the known ore body which is presently being developed is widely disseminated low-grade copperbearing ore which lies below the surface of the ground and extends downward to a considerable depth; the lateral boundaries of the ore body have not been defined, and it is not necessary to prove its lateral extent by further diamond drilling, as an ore body of sufficient size and value has already been proved to warrant mining development leading to extraction of the ore.

Except as above stated, no portion of or interest in these improvements has been credited heretofore as patent expenditures to any lode claim.

OTHER IMPROVEMENTS

None.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 2175 Farrel lode: Cors. 1, 2, 3, 4 and 5 are granite stones, firmly set and properly marked; Cors. 1 and 2 are on line 1-2 Sur. No. 2175 South Star lode, said line was found to be N. 40° 50' W. 701.00 ft. instead of N. 40° 48' W. 701.00 ft. as approved. Line 4-5 was found to be S. 40° 50' E. 361.30 ft. instead of S. 40° 48' E. 350.50 ft. as approved. Line 5-1 was found to be N. 79° 54' E. 1281.24 ft. instead of N. 80° 21' E. 1351.30 ft. as approved.

Sur. No. 2175 South Star lode: Cor. No. 1 is identical with cor. No. 1 Sur. No. 1763 Christmas lode, and on line 1-2 Sur. No. 2175 Cannon Ball lode; is a granite stone firmly set and properly marked; was found to be S. 40° 50' E. 382.00 ft. from cor. No. 1 Sur. No. 2175 Farrel lode instead of S. 40° 48' E. 392.70 ft. as approved.

Sur. No. 2175 Cannon Ball lode: Cors. Nos. 1 and 2 are granite stones firmly set and properly marked; line 1-2 was found to be S. 12° 05' W. 594.80 ft. instead of S. 12° 01' W. 600.00 ft. as approved.

S. 12° 01' W. 600.00 ft. as approved.

Sur. No. 2175 Red Dyke lode: Cors. Nos. 1, 4 and 5 are granite stones firmly set and properly marked; line 4-5 was found to be S. 10° 06' E. 600.00 ft. instead of S. 9° 39' E. 600.00 ft. as approved. Line 5-1 was found to be N. 79° 54' E. 1427.50 ft. instead of N. 80° 21' E. 1442.30 ft. as approved.

Sur. No. 2175 Golconda lode: Cors. Nos. 1 and 2 are identical with cors. Nos. 4 and 5 Sur. No. 2175 Red

Sur. No. 2175 Golconda lode: Cors. Nos. 1 and 2 are identical with cors. Nos. 4 and 5 Sur. No. 2175 Red Dyke lode. Cor. No. 4 is a granite stone firmly set and properly marked; line 4-1 was found to be N. 81042' 30" E. 1489.20 ft. instead of N. 800 21' E. 1500.00 ft. as approved.

FIELD ASSISTANTS

Name

Capacity

Michael Erickson

Chainman

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Chaine the pertion of the known are body which is pr being developed is wisely disseminated low-grad bearing ore which lies below the surfree of the and extends downward to a considerable dopth; t lateral boundaries of the ore body have not bee fined, and it is not necessary to prove the larentest by further diamond drilling, as an ore knift class size and value has already been trov ody of as to the warrant mining development leading to extraction theept as above stated, no portion of or interest in there limit ovements has been credified heretofore patent expenditures to any lode claim. OTHER IMPROVEMENTS . sno4 OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DA Sum. No. 2175 Earrel lode: Cors. 1, 2, 3, 4 and 5 are pur. No. 21/5 Earrel lode: Cors. 1, 27.3, 4 grantic blones, firmly set and properly marked; and 2175 South Star and 2175 South Star and 2175 South Star and line to self line to self line to be N. No. 5175 South Star at 20 line to self w. 701.00 ft. 25 asserved.

4-5 vas found to be S. 409 50! H. 361.30 ft. in 36.00 ft. as approved.

5. 10 48 T. 350.50 ft. as approved. Time 5-3 found to be I. 70 to the I. 1201.24 ft. instead of Star Wo. 1391.30 ft. instead of Star Wo. 2175 South Star lode: Cor. No. 1 is depoted when each wo. 1 Sur. No. 1 is Scribble of white eof. Wo. 1 Sur. No. 17c? Christens Lode and on line 1-2 Sur. No. 275 Carron 201 loce; s a grand to stone the stone 11mly set and properly and es; as foun to be S. 40 50' F. 302. W. Crom ser. No. 1 Sur. No. 2175 Farel lode instead of S. 100 d. 1. 592. U C. Sur. No. 2175 Dennon Sell lode: Ours. Pos. are granis stones firmly set and properly nor 1-2 mgs found to be S. 120 05: W. 577.60 ft. 13 B. 12 01 W. 600.00 ft. ta approved. 5. Mar Ji W. BOU. OU ft. ta approved.
Ser. No. 2175 Red Eyes 1.2de: Cors. Fes. 1.
are grantse atones firmly set and properly marl
line 4-5 was found to be 5. 10° 06' E. 650.00 s
steed of 8. 5° 39' E. 600.00 ft. as approved.
was found to be 1. 79° 54' E. 1427.50 ft. instructed.
W. 56° 21' F. 1442.30 ft. as approved.
Str. Wo. 2175 Colconda lode: Cors. Nos. 1 :: Sir. 40. 217 Coloenda lode: Otip. Mos. 7 and 1000 tip cors. 1 and 1000 tip cors. No. 4 and 5 Sur. No. 427 type lode. Cor. No. 4. is a grantic stone first and processing marked; line 4-1 was found to be and processing marked; line 4-1 was found to be all 3. " " 1489.20 ft. instead of K. 60 21 E Jes v . Devoiges as .cl FIRED ASSISTANTS Ce, acivy

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

	Feb. 10 , 19 61
~ OCCAD TO CMITTU	
I, OSCAR T. SMITH	
Department of the Interior, Bure	hat in pursuance of an order received from the
of Land Management	,at Phoenix, Arizona
dated September 9, 1960	, I have faithfully and correctly executed the survey of
the mining claim of Inspiration Cor	nsolidated Copper Company
known as the RED BIRD, SQUAW PEAK	and AGURITA LODES (Lode, placer, or mill site)
situate in Banner Mining District,	Gila County, Arizona, Sec. 30
T. 4 South , R. 16 East ,Gil	La & Salt River Meridian, Arizona, and
designated as Survey No. 4543, executed by me and under my direction, and the the Manual of Instructions for the Survey of the	which is represented in the foregoing field notes as having been at said survey has been made in strict conformity with said order, a Public Lands of the United States, and in the specific manner further certify that the labor expended and improvements made
upon or for the benefit of the above	location(s) embraced in the said mining claim by
extent, location, and itemized value thereof are	s are fully stated in my report therein, and that the character, a specified therein with particularity and full detail, and that no ements so credited to this claim has been included in the estimate
Globe, Arizona	Oscar I Smith
(Place)	(Mineral Surveyor)
CERTIFIC	Bureau of Land Management, Survey Office
	Phoenix, Arizona June 15 , 19 61 (Place) (Date)
The foregoing field notes of mineral survey	(Place) (Date) y No. 4543 , in Sec. 30
	R. 16 E. , G. & S. R. Meridian,
(State)	Oscar T. Smith , Mineral Surveyor,
under order dated September 9, 1960 corrections made prior to their certification by are hereby approved.	the surveyor, the field notes and the survey therein described
	Fred 3. Weiler
	State Director (Title)
CERTIFIC	CATE OF TRANSCRIPT
I CERTIFY that the foregoing transcript of is a true copy of the original field notes.	field notes of the above described mineral survey No.

(Title)

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MAKAGEMENT

Company of the Figure Post & Superpropries.

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under order dated

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