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SUGAR LOAF

LOCATION ≈ 32 miles ENE of PHOENIX ON PAVEMENT
TOWARDS PAYSON
7 MILES NNW ON ROUGH GRAVEL ROAD TO
SYCAMORE Cr.

OWNERS TOM CHISM
LEE WALKER.

METALS. Au, ± Ag REPORTED Pt.

CLAIMS - UNCERTAIN, 55 LOCATED CLAIMS COVER
LODE AND CONGLOMERATE MINERALIZATION
7 OVER CONG. ARE OPTIONED TO JERRY (?)

GEOLOGY - COMPLEX AREA OF PC MICRO GRANITE, FELDSPAR
PORPHYRIES WITH OVERLYING TERTIARY BASALTS TO THE
N.E. HYDROTHERMAL ALTERATION PERVASIVE AND
WIDESPREAD DEVELOPING PROPYLITIC AND SERICITE ALT
WITH MINOR LIMONITE STAINING, AREAS CONTAIN
MINOR QTZ VEINING AND ORANGE DISCOLORATION
NO SULPHIDES OBSERVED.

MINERALIZATION

1) Au IN BASEMENT.

NUMEROUS PITS IN H_2O ALT. BASEMENT HAVE
REPORTEDLY RETURNED UP TO 17 oz Au. ALL Au is
MICRON SIZE, UP TO 6 MICRONS, RARE V.G. BETER ASSAYS
ARE FROM LEACHES, NOT R.A. LEACHING APPARENTLY
WORKS WELL.

2) LARGE AREA (20 mill TONS) of RESIDUAL ALLUVIAL/FLUVIAL
DEPOSITS OF BEDDE. WEATHERED BASEMENT (TERMED CONGLOMERATE)
POSTDATES ~~TERTIARY~~ QUATERNARY BASALTS. REPORTEDLY
CARRIES UP TO 3 oz Au.

DURING VISIT A 2 LB SAMPLE OF CONC DUG AT RANDOM FROM ROADBED WAS CRUDELY BROKEN BUT NOT CRUSHED INDIVIDUAL GRAINS AND CRYSTALS RARELY CRACKED. PLACED IN DISTILLED WATER IN 1 GAL JAR AND HAND ~~AGITATT~~ AGITATED FOR 3 ~~MIN~~. COPPER BAR, CLEANED WITH NITRIC ACID, COVERED WITH CLEAN Hg AND IMMERSED IN WATER FOR 20 MIN. A MICRON THIN COATING OF Au PLATING ON Hg FROM SUSPENSION, NOT SOLUTION.
∴ RESIDUAL DOES CARRY Au, EASY MINING AND ~~Rn~~ LEACHING VIA CRUSHING ~~TO~~ -50 AND ~~AA~~ VAT LEACH WOULD RETURN GOOD VALUES, MINING & PROCESSING POSS. $20.00 US /TON.

POSSIBILITIES

GOOD. IF VALUES IN CONC CAN BE VARIFIED FURTHER SAMPLING. POSSIBLY A REVERSE CIRC. DRILLING PROGRAMME TO OUTLINE TONAGE AND GRADE. AS WELL POSS. A 5-10 TON BATCH TO AVAILABLE PILOT MILL FOR LEACH COST AND RECOVERY TESTING.

RECCOMEND.

PENDING RESULTS POSS. 2000.00 DOWN AND 60 RAYS TO PROVE GRADE. OTHER VALUES IN HARDROCK WOULD REQUIRE DETAIL SAMPLING & TRENCHING WITH AIRPHOTO CONTROL.

SAMPLES. 91226-91233. RUN A.A. TO RECOVER MICRON, Au.

Sugar Loaf

30 days Exploration Exclusive 120 days 10000.00 -
$ 10,000.00 for 90 days
Lease 7 claims w/option + option on remainder of Property
Performance - flow etc → Sitprice
10% of NSR - to Gold Dome includes owners
End $1/ton blocked Ore - 10% NSR to End

after Factual then pre payment on additional acreage

* 60 day for 1st Dec Exploration

AA testing

Aqua Regia digest 2% approx 30 min
read @ 5 min on Same Solution
produces curve - plot curve on AA
will indicate additional time

Fire assay
treat w/ NaCn
boil dry & fire
- statistics for fire

$ 5000.00 Earnest at end of 60 days

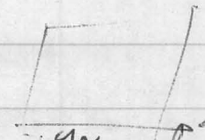
then 1000.00/mo @ month thereafter

8000 for 90 days

10000

10% NSR ✓ life of Mine
END - reserves $1/ton End Price
~~10% Necessary to~~
or block out complete 7 claims & pay
10% of End price @ $1.00 per ton

Owner - Lee Walker
chism



1 yr - pilot plant
2nd production plant

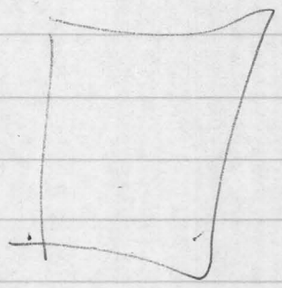
7 claim one plant x# tons
2nd Unit - complete w/ add claim | Dr Ellen cut back to 160 acres
Based on performance +

depth West permute 150'-200' to be drock
East 250 - 400

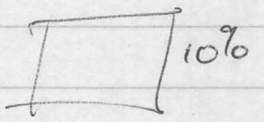
H_2O -
Free E collodion
54 oz/ton conc from Sound
almagating now

Preliminary - Gold Dome
(Gene E Stowe)

9 16 20 21 4N 8E



Sugar loafs 7 9-63
Amc 119690 Sec 16
201698 #63 Sec 20



Conf w/ 10-10-83 Syl Dimmer

Lee WALKER — SUGAR LOAF MT. CLAIMS

4N. 8E. Sect. 9 ? - 20 -

565
17
548
5

31
6
186
4
744

December 9, 1983

POSSIBLE DEVELOPMENT OF
SUGAR LOAF PROPERTY
COMPUTED FROM AVAILABLE DATA
SUPPLIED BY OWNERS

16 Drill Hole Samples, Gross Average Grade	=	$312.32
Less 15% for recovery loss	=	46.85
Net recovery (85%) per ton	=	$265.47

COST OF EXPLORATION PROGRAM

2,000 feet of drilling	= $30,000.00
Engineering and Supervision	= 5,000.00
Property payments for 90 days	= 12,000.00
Total Cost for Exploration	= $47,000.00

To Be Completed in 30 days.

TONNAGE AND VALUE DEVELOPED BY EXPLORATION

20 - 100' holes at 50 foot intervals, delineating a surface area of 200 x 150'	= 30,000 sq. ft.
To a depth of 100' (30,000 x 100)	= 3,000,000 cu. ft.
Assuming 15 cu. ft. per ton	= 200,000 tons
Average grade (net recovery)	= $265.47
Recoverable Product	= $53,094,000.00

TEST LEACH PAD

25,000 tons on pad at cost of $13.70 (pad costs, drilling, blasting, crushing and installing on pad)	= $342,500.00
Cost of Chemicals and Final Recovery into Dory Bar $3.20 per ton	= 80,000.00
Total Cost for leaching 25,000 tons	= $422,500.00
Gross recovery from 25,000 tons	= $6,636,750.00
Net recovery (less $47,000.00 exploration costs, less $422,500.00 leaching)	= $6,167,250.00

CONCLUSION

The above program established 200,000 tons of ore of which 25,000 tons was used to produce a net profit of $6,167,250.00. We have used 1/8th of the ore on the initial leach pad so the total possible profit of this program is $6,167,250.00 x 8 = $49,338,000.00.

All this has taken place on one acre of selected ground out of 1260 acres of ground under lease option. It is therefore apparent that if projected figures are proven this would be the largest gold producing project on the entire North American continent.

Tom McKenzie

Suzan Coat
owners 72-67 old
Want $ up front
25000/Sec front
2000/sec/month minimum
1st rt of Refusal on Bal of Property
End price - method to End price
10% NSR to End price

California Property
Yellow stone
800' drift

Doug Kuran

Western Phx LA Vancouver
Friday Mon
western
9:55
30 mi LA
1:10

Mr. Printer INC.
(602) 279-2200
2827 N. Central Ave. Phoenix, AZ 85004

will be in Phx
Wed nite —
Thurs. on Sugar
back to Can. Friday
reservation please

will call Sunday nite
between 9 & 10 pm

Dave Curran -

(1) Tie up Sugar Loaf - all 56+ claims - wants 30 days for assay work - 90+ days for exploration under BR x Nevada

(2) Greenlee at Globe - same deal - under Klondike

Mr. Printer INC.
(602) 279-2200
2827 N. Central Ave. Phoenix, AZ 85004

Clay AgCl PbO2 ORE

6.04 g

~~30 day~~ Ex

2000

60 day exp

→ 10,000 earnest

→ 1500 / month thereafter for 90 days 4500

10% NSR — life min

or Ends of $1/ton blocked out

& 10% down —

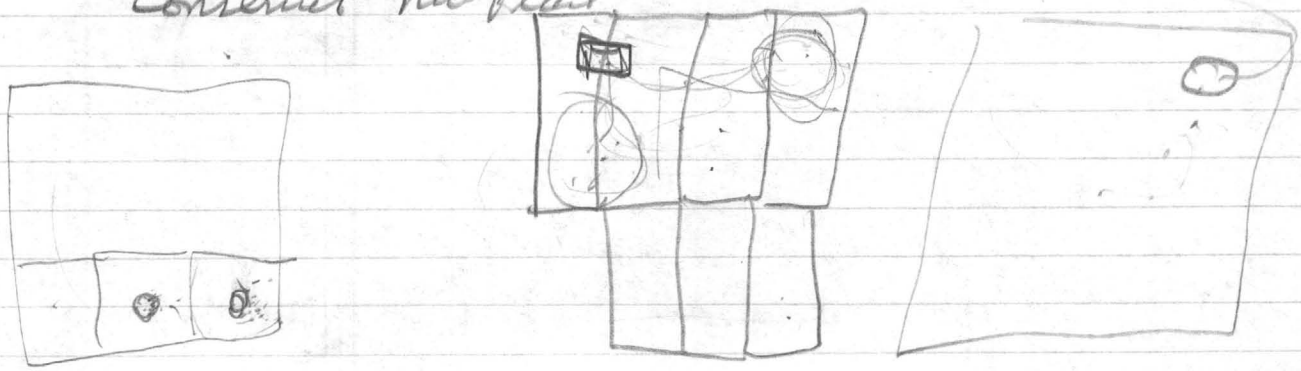
block out → claim totally

1st year Pilot Plant

2nd yr Production Plant

option additional claims base upon production

Construct new plant



Chemical requirement	Class N	Class F	Bonner Deposit Class N	SugarLoaf Deposit Class N
Silicon dioxide (SiO_2), plus aluminum oxide (Al_2O_3), plus iron oxide (Fe_2O_3), min., percent	75.0	75.0	94.46	87.90
Magnesium oxide (MgO), max., percent	5.0	5.0	0.41	0.26
Sulfur trioxide (SO_3), max., percent	4.0	4.0	Trace	0.00
Loss of ignition, max., percent	8.0	8.0	4.00	1.39
Moisture content, max., percent	3.0	3.0	0.46	0.07
Available alkalies, max., percent	2.0	2.0	1.82	1.02

TABLE II. Physical requirements

Physical requirement	Class N	Class F		
Fineness, surface area, sq cm/cu cm, min.	12,000	6,500	1932	1804
Pozzolanic strength of cement-pozzolan mortar at 28 days, min., percent of control	80	75	91	88
Compressive strength of lime-pozzolan mortar at 7 days, min., p.s.i.	900	900	909	824
Increase in drying shrinkage of mortar bars at 28 days, max., percent	0.04	----	0.012	0.004
Soundness, autoclave expansion, max., percent 1/	0.50	0.50		
Water requirement, increase in flow (over control, at stipulated water content), min. 2/	0	0	103.8	99
Reactivity with cement alkalies, reduction of mortar expansion at 14 days min., percent 3/	60	60	74	62
			July 1960	May 1963

1/ The specimen shall remain firm and hard and show no signs of distortion, cracking, checking, pitting, or disintegration when subjected to the autoclave expansion test.

2/ This requires that a mortar with a class N pozzolan and 112 percent of the water content of the control mortar, or a mortar with a class F pozzolan and 103 percent of the water content of the control shall have a flow equal to or greater than that of the control.

3/ This requirement applies only when specified (see 6.2).

Fed Spec SS-P-570B

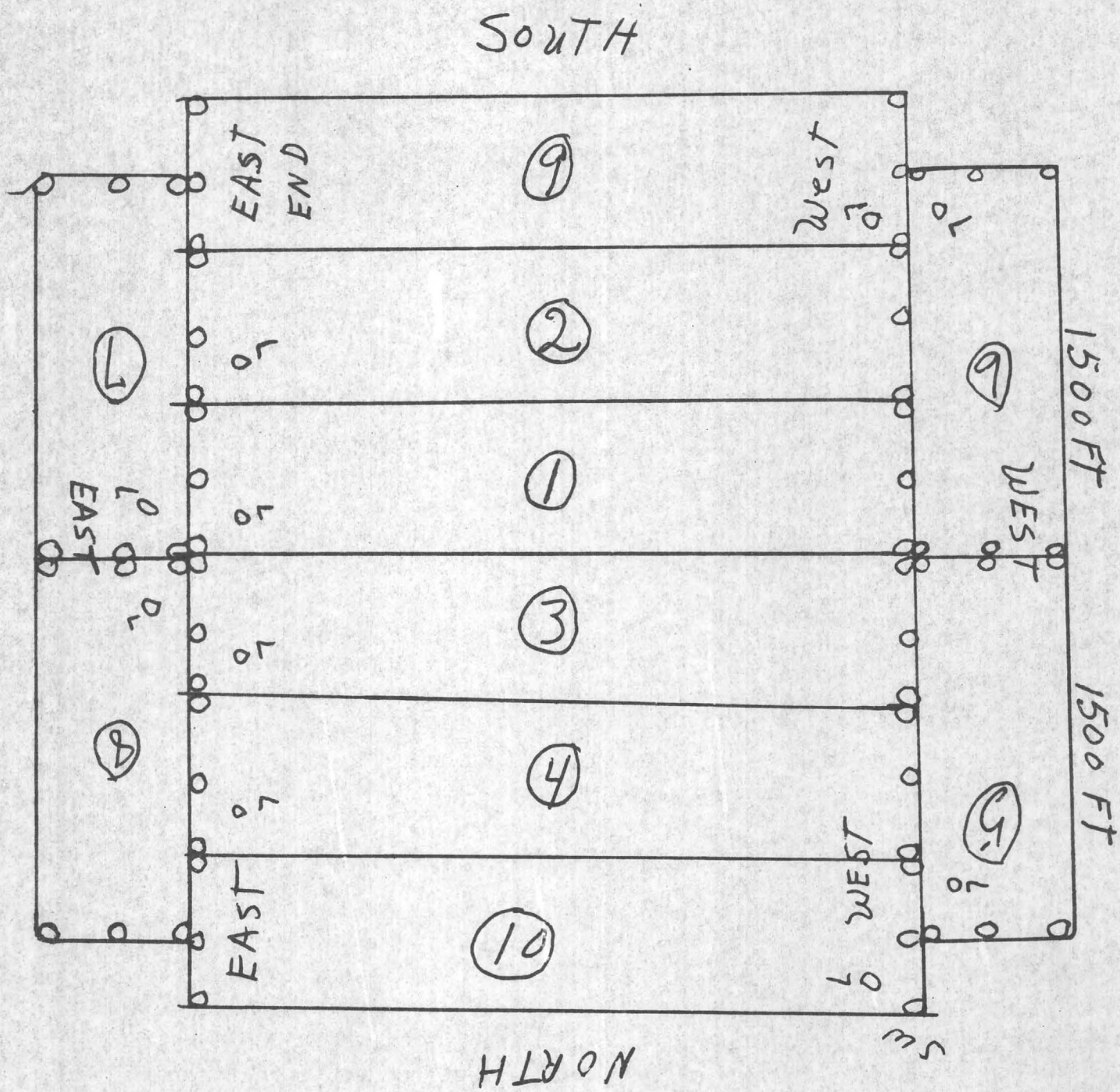
NAME OF CLAIMS IS SUGARLOAF

SERIAL NUMBER AMC 119690.

RANGE 8E TOWNSHIP 4N SECTION 16

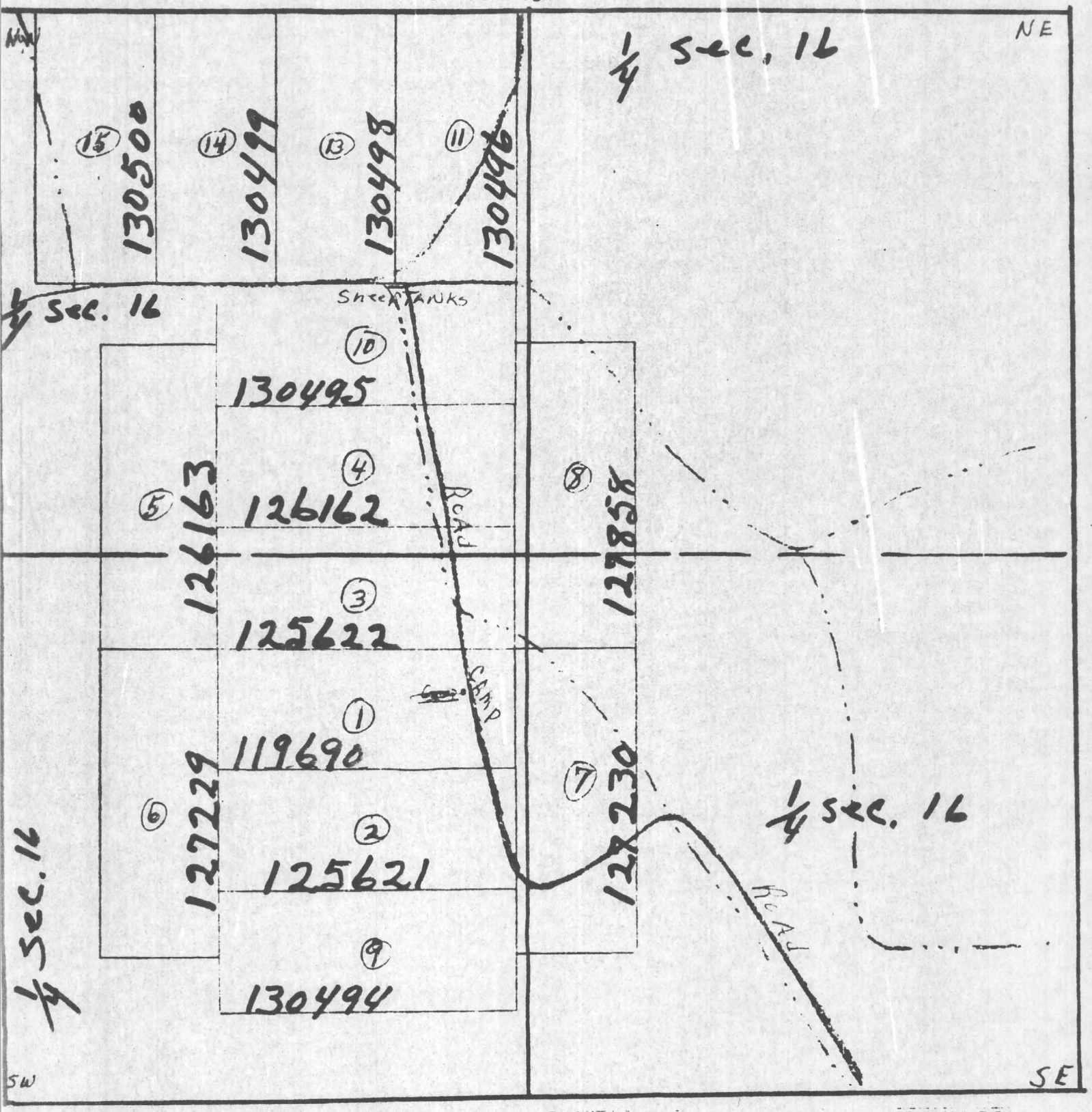
CHISM + WALKER 963-3325

17626 S. Gilbert Rd. Gilbert AZ. 85234



SERIAL № AMC 119690

LAND SECTION DIAGRAM



Land description

Section	Township	Range	Meridian
16	4 N	8 E	G & SR

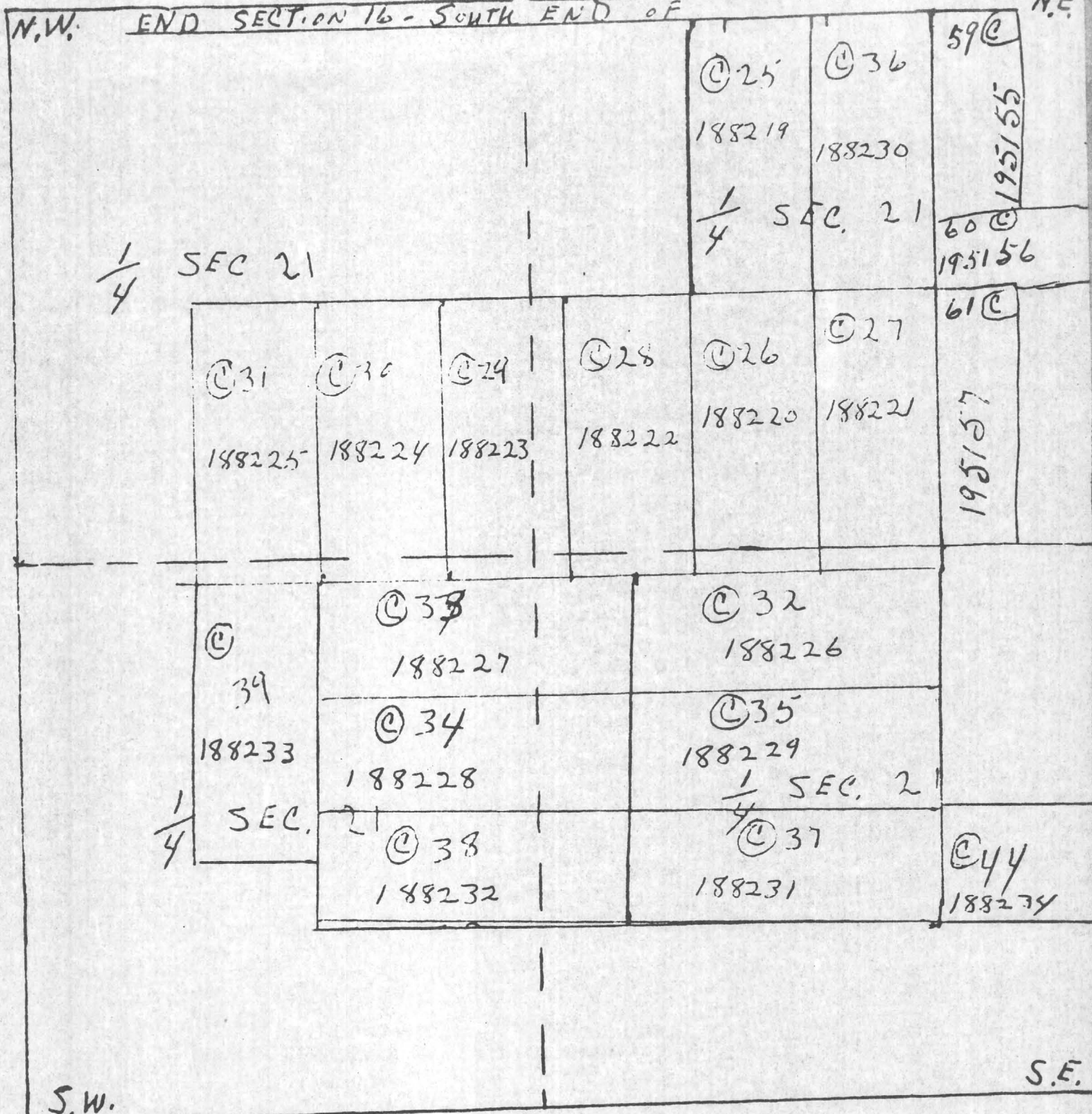
Remarks

For Chism and Walker

SERIAL AMC № 117640

NORTH END

LAND SECTION DIAGRAM



LAND description

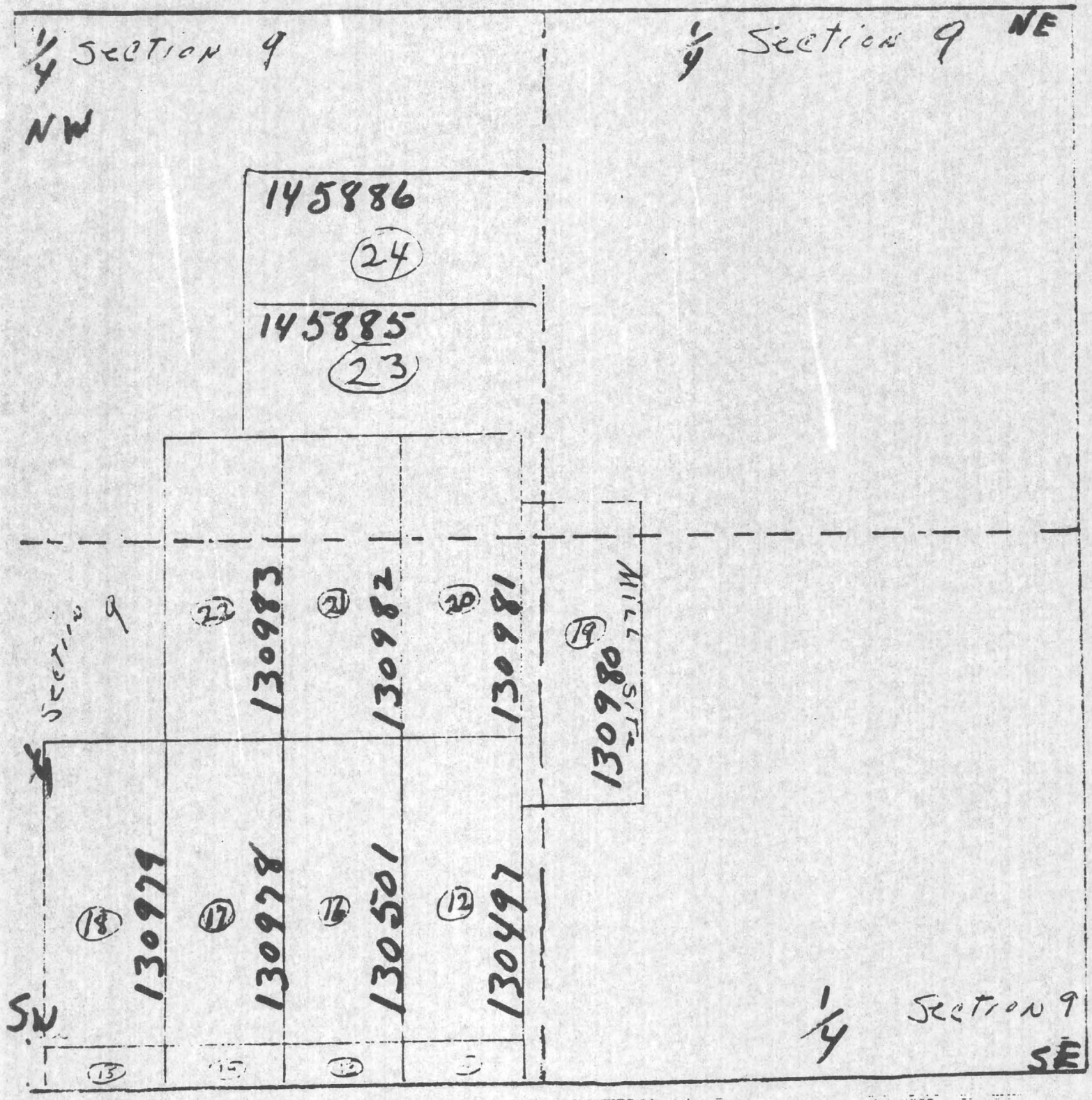
Section 21	Township 4 N	Range 8 E	Meridian GESR

REMARKS: FOR CHISM & WALKER

SERIAL NO. 119690

119690 NORTH

LAND SECTION DIAGRAM

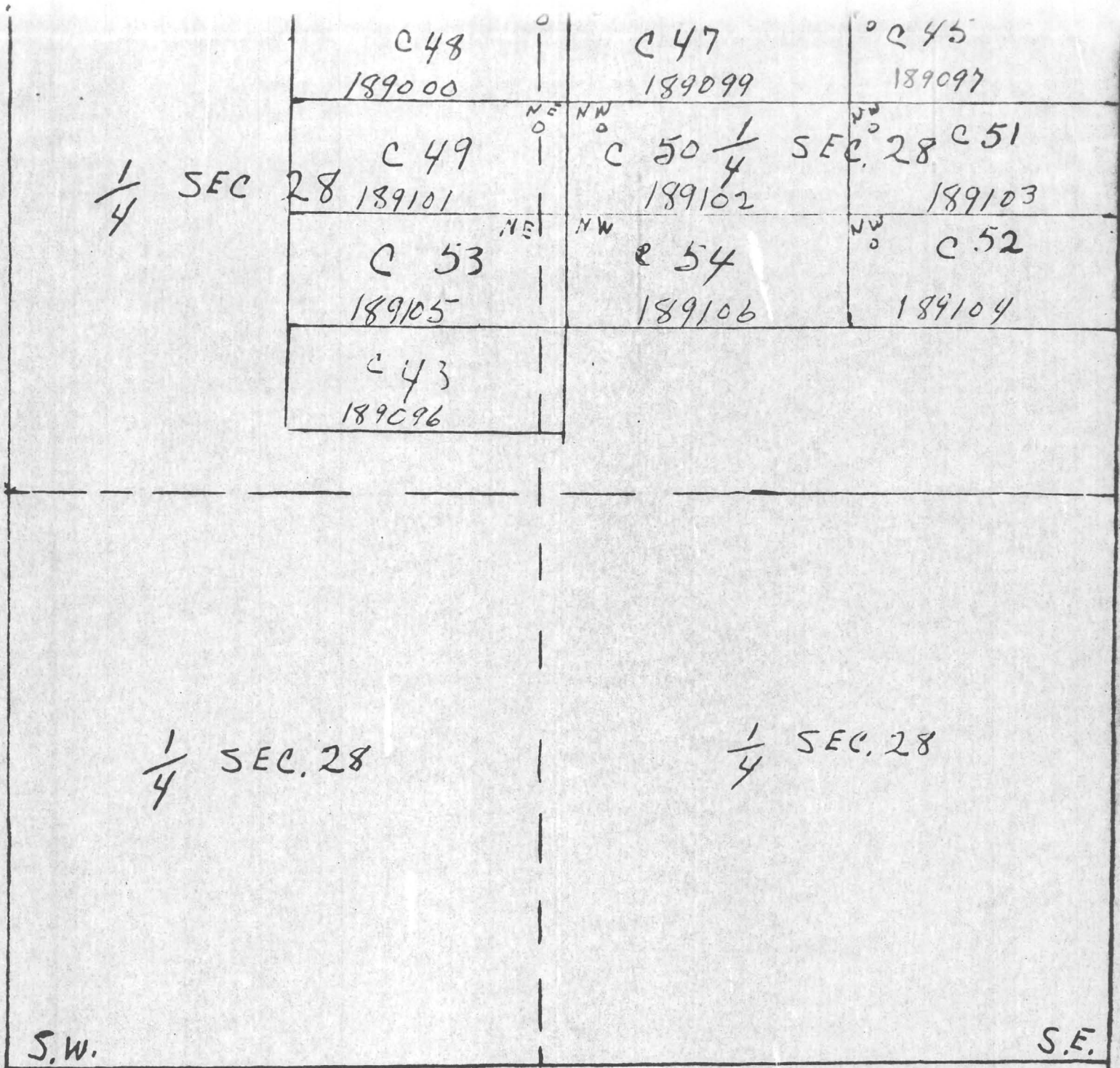


Land description

Section	Township	Range	Meridian
9	4N	8E	GESR

Remarks

Chiam & Walker



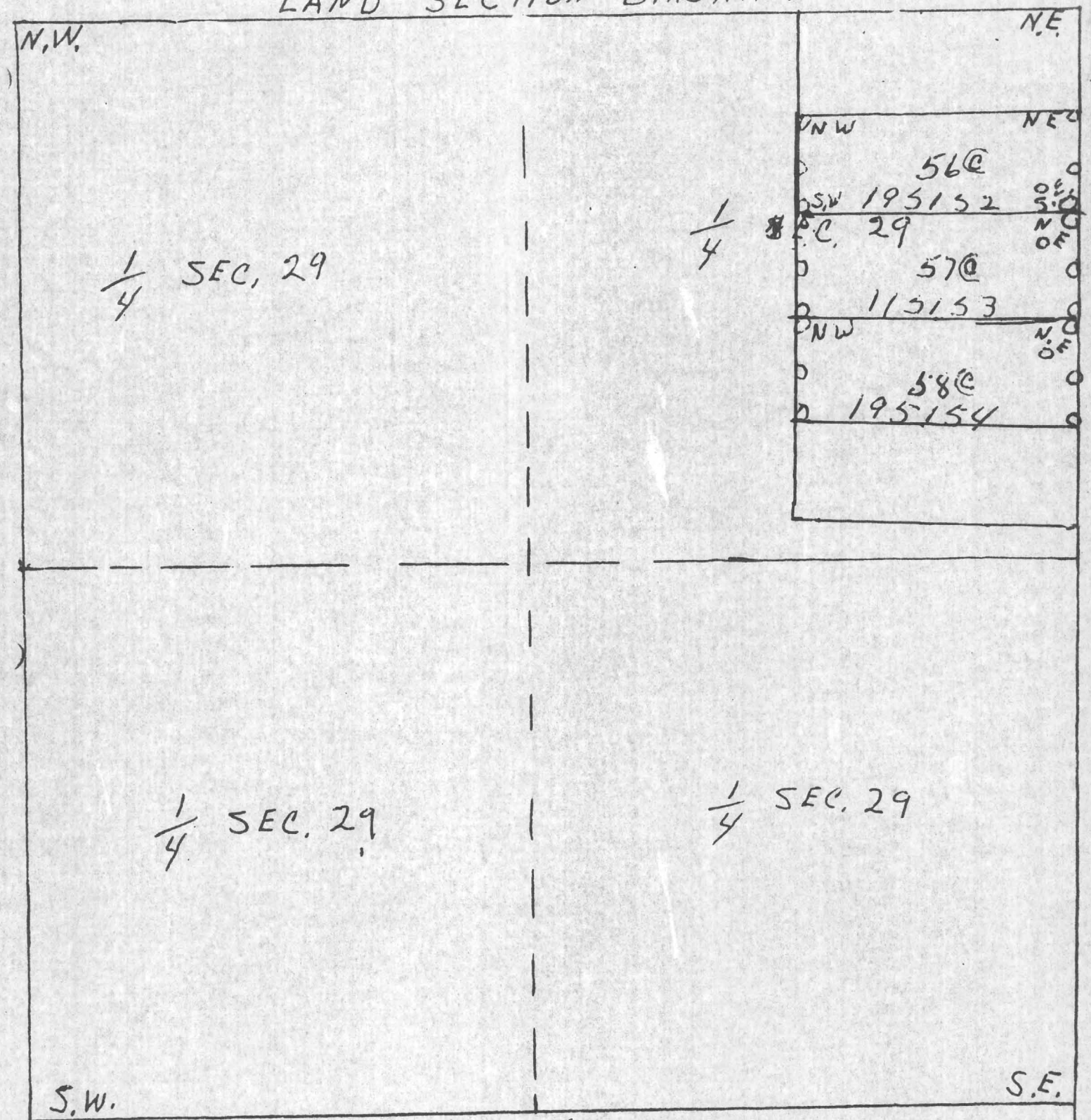
LAND description			
Section 28	Township 4 N	Range 8 E	Meridian GESR

REMARKS: FOR CHISM AND WALKER

NORTH END

SERIAL AMC No. 119690

LAND SECTION DIAGRAM



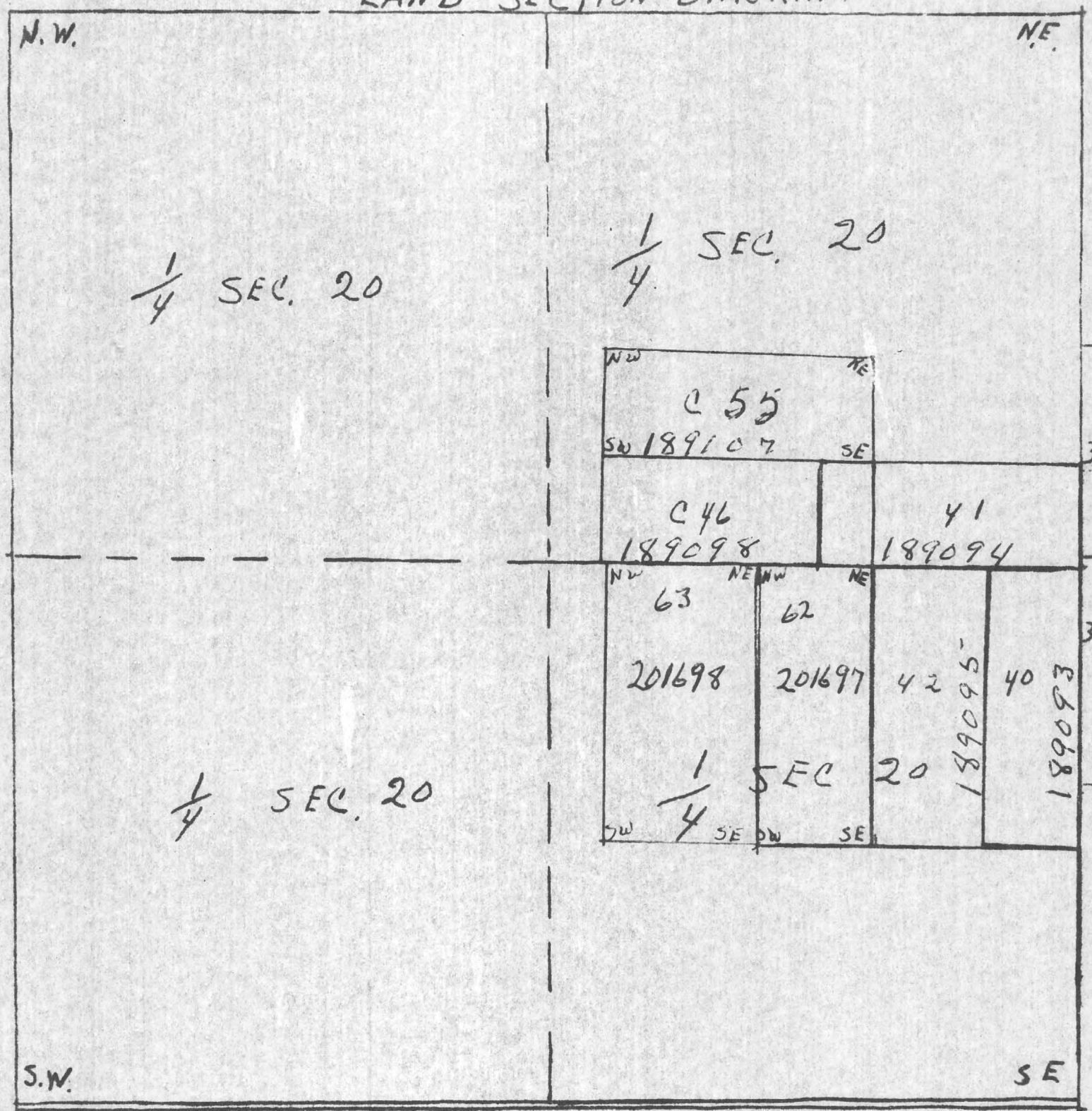
LAND description			
Section 29	Township 4 N	Range 8 E	Meridian GESR

REMARKS: FOR CHISM AND WALKER

NORTH LINE

SERIAL AMC 119690

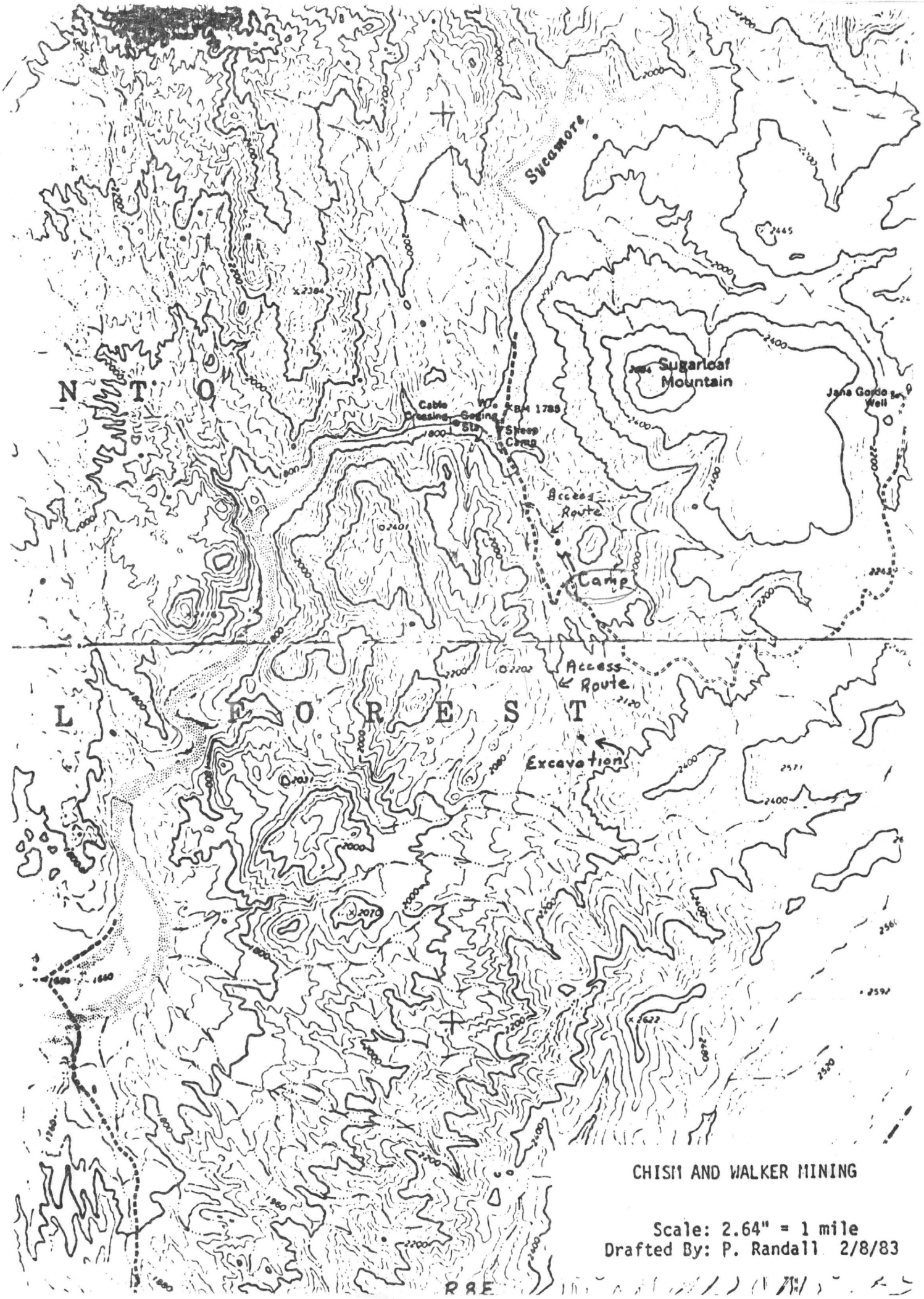
LAND SECTION DIAGRAM



LAND DESCRIPTION			
RANGE 8 E.	TOWNSHIP 4 N.	SECTION 20	MERIDIAN G&SR

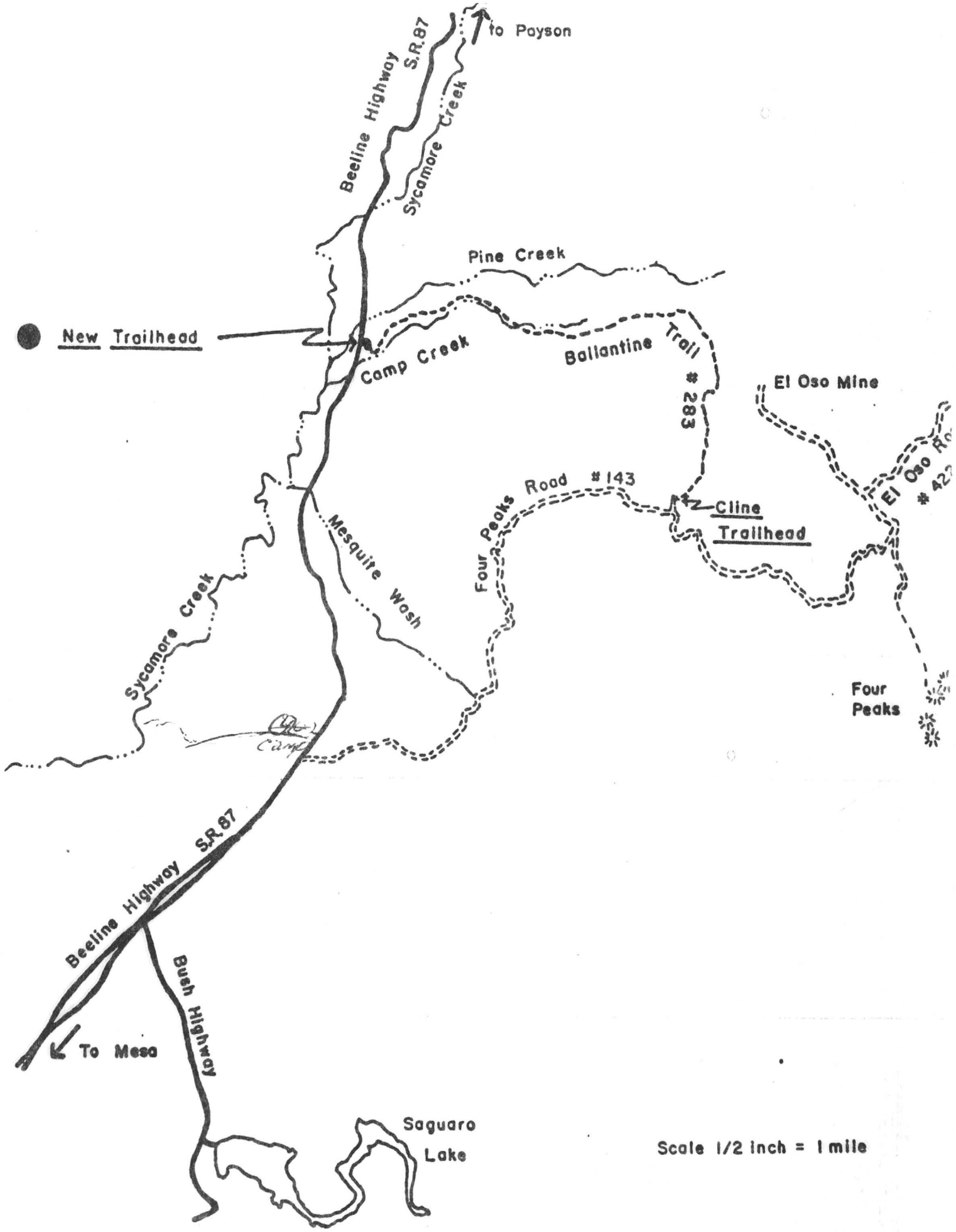
REMARKS: FOR

CHISM AND WALKER



CHISM AND WALKER MINING

Scale: 2.64" = 1 mile
Drafted By: P. Randall 2/8/83


to Payson
Beeline Highway S.R.87
Sycamore Creek
Pine Creek
New Trailhead
Camp Creek
Ballantine Trail # 283
El Oso Mine
Four Peaks Road # 143
Cline Trailhead
Mesquite Wash
Sycamore Creek
Four Peaks
Beeline Highway S.R.87
Bush Highway
To Mesa
Saguaro Lake
Scale 1/2 inch = 1 mile