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Arizona Department of Mines and Mineral Resources Mining Collection

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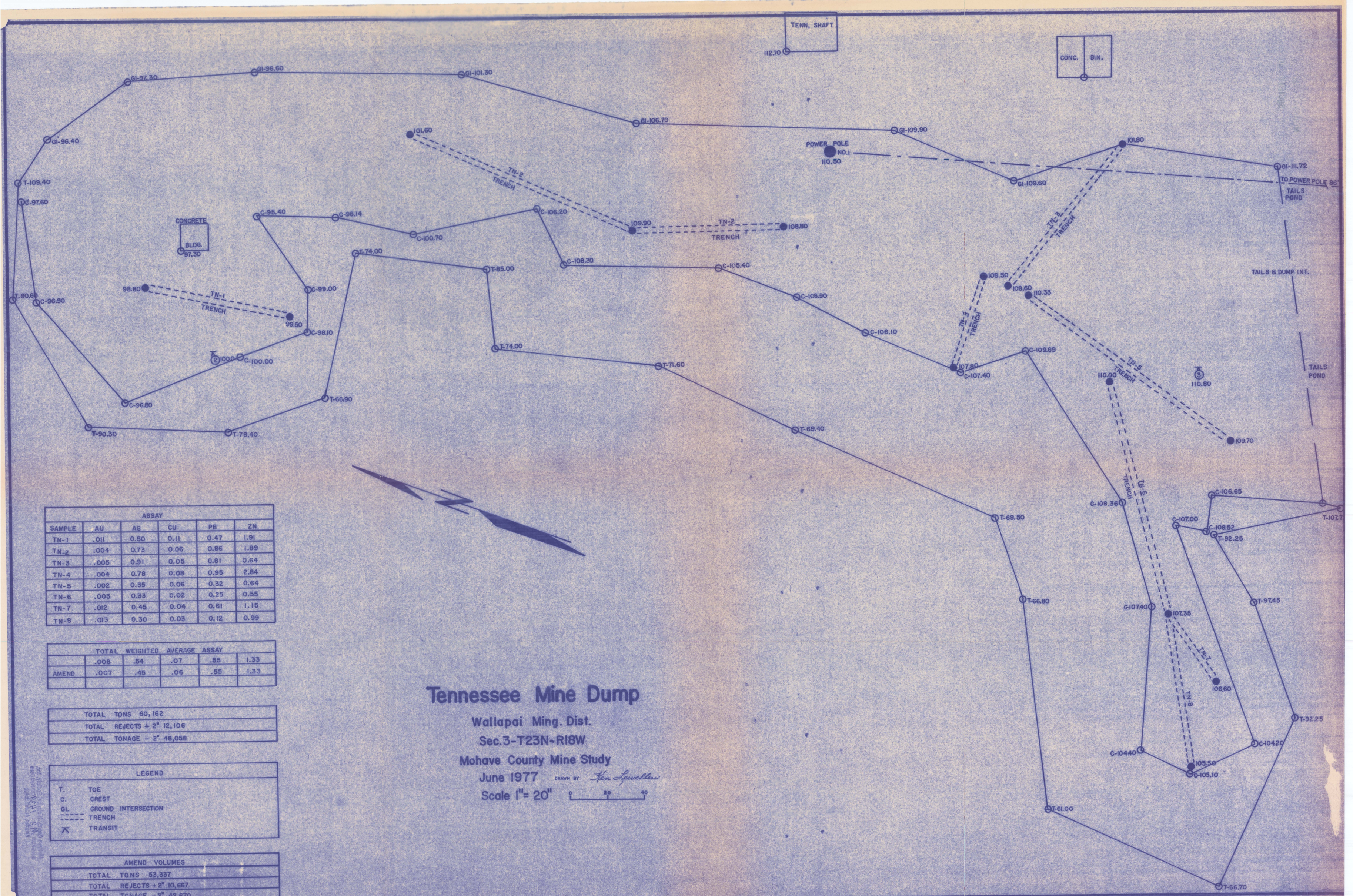


ASSAY					
SAMPLE	AU	AG	CU	PB	ZN
TN-1	.011	0.50	0.11	0.47	1.91
TN-2	.004	0.73	0.06	0.86	1.89
TN-3	.005	0.91	0.05	0.81	0.64
TN-4	.004	0.78	0.08	0.95	2.84
TN-5	.002	0.35	0.06	0.32	0.64
TN-6	.003	0.33	0.02	0.25	0.55
TN-7	.012	0.45	0.04	0.61	1.15
TN-8	.013	0.30	0.03	0.12	0.99

TOTAL WEIGHTED AVERAGE ASSAY					
	.008	.54	.07	.55	1.33
AMEND	.007	.45	.06	.55	1.33

TOTAL TONS 60,162
TOTAL REJECTS + 2" 12,106
TOTAL TONAGE - 2" 48,058

LEGEND	
T.	TOE
C.	CREST
GI.	GROUND INTERSECTION
-----	TRENCH
⊼	TRANSIT

AMEND VOLUMES
TOTAL TONS 53,337
TOTAL REJECTS + 2" 10,667
TOTAL TONAGE - 2" 42,670

Tennessee Mine Dump

Wallapai Ming. Dist.

Sec.3-T23N-R18W

Mohave County Mine Study

June 1977 DRAWN BY Ken Lewellen

Scale 1"= 20" 0 20 40

ADMMR 0123-002

TENNESSEE MILL TAILS

WALLAPAI MING. DIST.

SEC.3-T23N-R18W

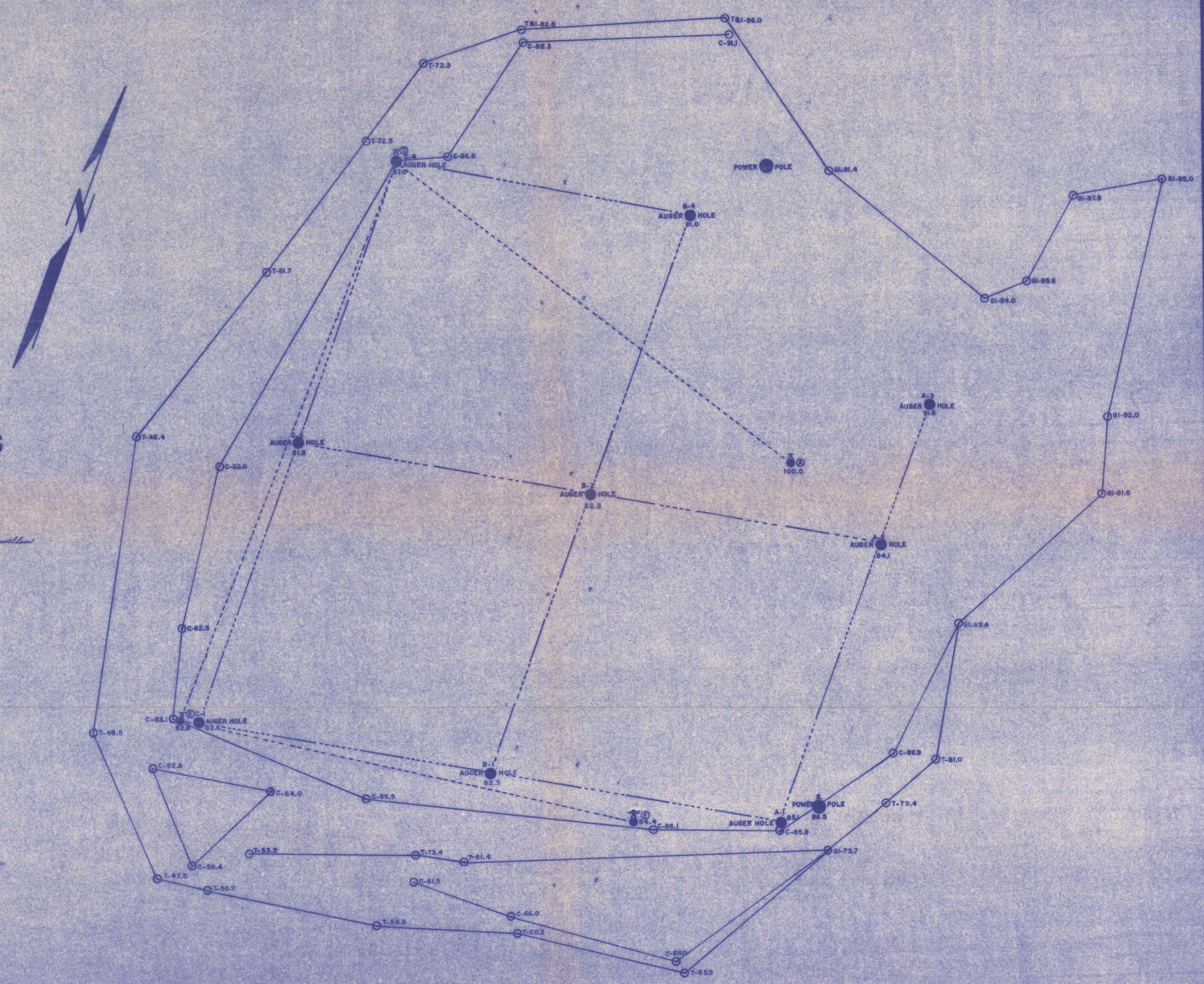
MOHAVE COUNTY MINE STUDY

AUG. 1976

REVISED 1-78 BY Ken Lewellen

Scale 1" = 30'

0 20 40 60



DEPTH &		ASSAY				
SAMPLE		AU	AG	CU	PB	ZN
A1	12.6	.012	0-31	0.03	0.19	0.82
A2	14.0	.004	0.32	0.02	0.13	1.08
A3	15.1	.015	0.33	0.02	0.15	1.56
B1	19.8	.005	0.15	0.02	0.15	0.90
B2	24.2	.010	0.39	0.02	0.15	1.11
B4	13.0	.015	0.44	0.02	0.17	1.07
C1	33.0	.011	0.28	0.03	0.21	0.98
C2	28.1	.015	0.31	0.03	0.28	0.74
C4	15.5	.010	0.33	0.03	0.12	1.12

TOTAL WEIGHTED AVERAGE ASSAY					
SAMPLE	AU	AG	CU	PB	ZN
	.011	0.32	.024	.172	1.04

238,807 TOTAL TONS

LEGEND	
T.	TOE
C.	CREST
GI.	GROUND INTERSECTION
●	AUGER HOLES
⊼	TRANSIT LOCATION

ADMMR 0123-003

REV.	DESCRIPTION	DATE	BY

Great Lead Shaft

100 LEVEL Seven DRIFT

100 LEVEL NORTH DRIFT

Great Long Drift

3 SHAFT

2 SHAFT

1 SHAFT

500' LEVEL

X-Cut 1478

X-Cut 1444

X-Cut Main Station

X-Cut 1400

700 Level South Drift

700 LEVEL North Drift

Abandoned

900' LEVEL North Drift

610 Raise

500 Winze

1000 Level South Drift

1000 Level North Drift

610 RAISE

1100 LEVEL

12/31/14

S2R

S4R

430 RAISE

1400 Level

420 Winze

1600 Level

THE NEEDLE'S MINING & SMELTING CO.

Tennessee Properties

Plan Map of

Tennessee & Great Lead Mines

Scale 1" = 90'

Date Dec. 31=1914

ITEM	REQ.	PART NO./DWG. NO.	DESCRIPTION	MATERIAL

AOMMR 0188 - 004

ADMMR 0193-005

SCHUYLKILL MINE DUMP

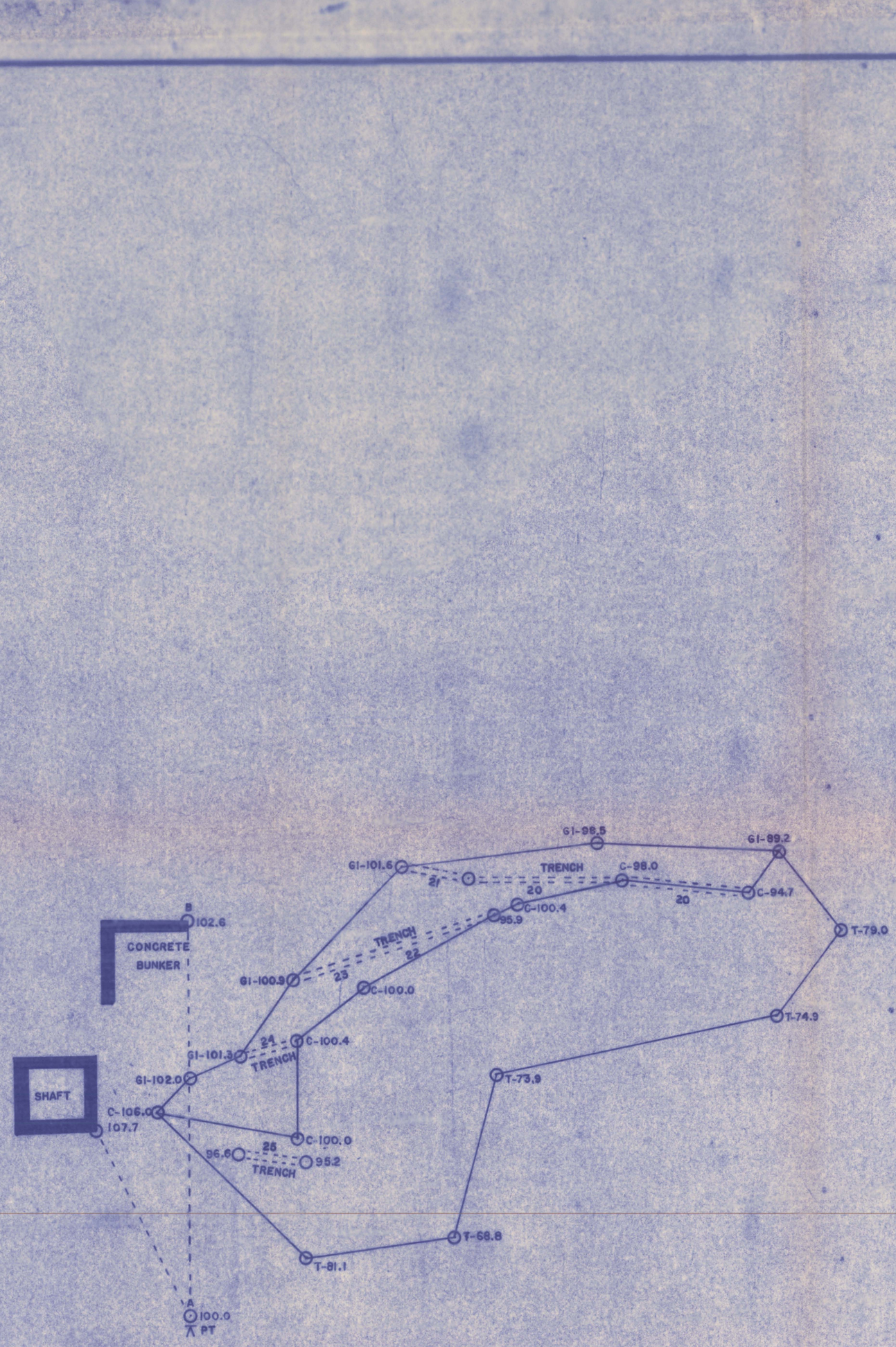
WALLAPAI MING. DISTR.

SEC.34-T24N-R18W

MOHAVE COUNTY MINE STUDY

OCT. 76 DRAWN BY Ken Lewellen

SCALE 1"= 20' 0 20 40



ASSAY					
SAMPLE	AU	AG	CU	PB	ZN
20	0.021	0.71	0.03	0.87	0.51
21	0.034	0.50	0.04	0.53	1.67
22	0.045	0.44	0.02	0.86	0.51
23	0.029	0.37	0.02	0.41	0.32
24	0.006	0.45	0.01	0.54	0.10
25	0.017	0.58	0.02	0.60	0.14

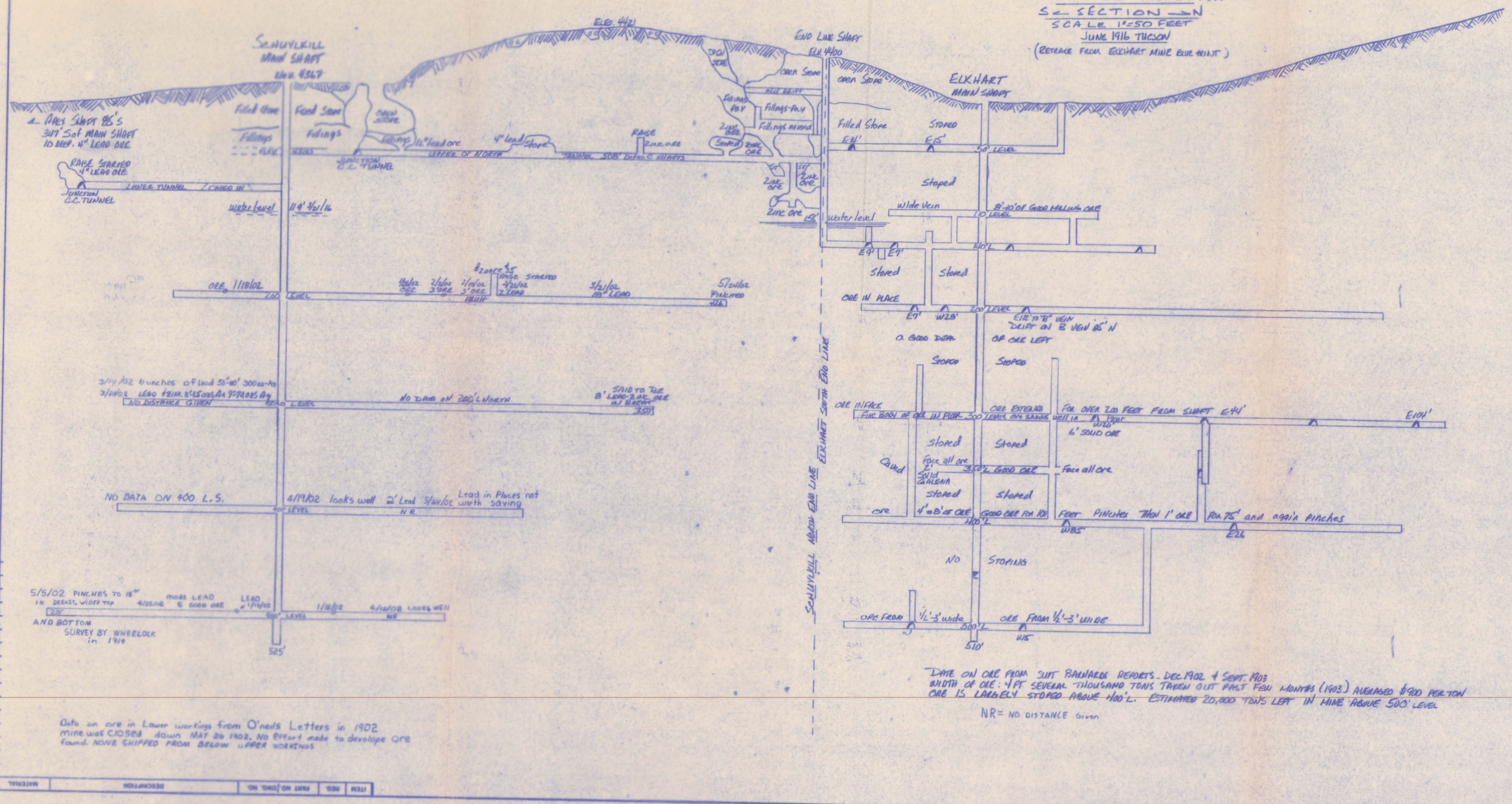
TOTAL WEIGHTED AVERAGE ASSY					
SAMPLE	AU	AG	CU	PB	ZN
	.025	.508	.023	.645	.525

1081	TOTAL TONS	(REVISED 12-27-77)
902	TOTAL TONS - 2"+ REJECTS	
179	TOTAL 2"+ REJECTS	

LEGEND	
T.	TOE
C.	CREST
GI.	GROUND INERSECTION
- - - -	DITCH
A	TRANSIT LOCATION

MOHAVE COUNTY HISTORICAL SOCIETY NO 83-37

ELKHART MINE
CHLORIDE ARIZONA
S ← SECTION → N
SCALE 1"=50 FEET
JUNE 1916 TUCSON
(RETRACE FROM ELKHART MINE BLUE PRINT)



Date on ore in Lower workings from O'neals Letters in 1902 mine was CLOSED down MAY 26 1902. No Effort made to develope ore found. NONE SHIPPED FROM BELOW UPPER WORKINGS

DATE ON ORE FROM SUIT BARNARD REPORTS - DEC 1902 & SEPT 1903
WIDTH OF ORE: 4 FT SEVERAL THOUSAND TONS TAKEN OUT PAST FEW MONTHS (1903) AVERAGED $900 PER TON
ORE IS LARGELY STOPED ABOVE 400' L. ESTIMATED 20,000 TONS LEFT IN MINE ABOVE 500' LEVEL

NR= NO DISTANCE Given

ITEM	REQ.	PART NO./DWG. NO.	DESCRIPTION	MATERIAL

MOHAVE COUNTY HISTORICAL SOCIETY NO 83-37

ADMR 0183-006