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RECONSTRUCTION FINANCE CORPORATION
MINING DIVISION
REPORT OF SUPERVISING ENGINEER

*St. Louis Claim
Yavapai Co.*

Docket No. - ND-8739
M. N. West and W. M. Schwarz

Date Authorization for Exam. - July 30, 1945
Date of Examination - August 2, 1945
Date of Report - August 6, 1945

1. NAME AND ADDRESS OF APPLICANT

M. N. West and W. M. Schwarz
Box 886
Globe, Arizona

Correspondent

W. M. Schwarz
Box 886
Globe, Arizona

2. CHARACTER OF PROJECT

To unwater 190 foot shaft and mine copper ore.

3. LOCATION OF MINE

In Section 8, T. 8 N., R. 3-W. Black Rock Mining District, approximately 13 miles northeast of Wickenburg, Arizona, the nearest railroad station. There is an improved dirt road most of the way. The last one half mile is impossible to drive on.

4. APPLICANT

M. N. West has had 20 years mining experience. The last few years he operated a manganese property leased from Magma Copper Company. M. Schwarz has been agent for American Manganese Company in Globe, Arizona, and was associated with Mr. West in his manganese operation.

5. LOAN REQUESTED

\$5,000
None Recommended

6. DESCRIPTION OF PROJECT

An old group of patented mining claims were purchased by the applicant at a tax sale from the Yavapai County Board of Supervisors. The map submitted by the applicant shows that the claims were patented in 1904. Examination of the ground indicated that apparently little work has been done since that time. Apparently the St. Louis claim was the most promising for a wagon road was built, with rock retaining walls, to the 188 foot shaft, but in the course of time it has become obliterated except for the rock walls. Applicant has been rebuilding this road with a bulldozer and is within one half mile of the shaft. Also the applicant has cleaned out Number 3 tunnel, drifted about 10 feet, and has installed a hanging ladder in the Number 2 shaft to the water level.

6. DESCRIPTION OF PROJECT (CONTINUED)

Some samples were taken by the applicant and submitted with the application. An examination was authorized on the basis that the samples could be checked rather than accepting the statements.

The prospect lies on a N40° E shear that cuts across the porphyritic Bradshaw granite. The shear zone dips approximately 60° southwest and varies in thickness from 60 inches to 10 feet, more or less. No. 3 tunnel cuts through unaltered granite to a 10 foot thick dark colored dike. This dike dips the same as the shear zone. On the footwall of the shear zone and in contact with the dike is a 30 inch thick fault. It contains rounded and angular fragments of the dike. On the hangwall of the fault there is a 30 inch ore zone. Beyond that the granite is mineralized with iron oxide stains. Two samples were cut across the ore zone. Sample No. 151 across 28 inches assayed .06 ounces gold and 1.00% copper. On the opposite face of the cut, a sample, No. 152, across 10 inches of copper stained ore, assayed .22 ounces gold and 3.25% copper. About 10 tons of ore had been taken from this cut and piled on the dump. This assayed .06 ounces gold and 2.25% copper.

Shaft No. 2 is 50 feet southwest of No. 3 tunnel and about 20 feet higher in elevation. It is an open hole that dips 60 degrees. It follows the fault down - the fault being the foot wall of the shaft. This shaft is supposed to be 188 feet deep, but at the time of my examination water was within 78 feet of the collar. Applicants claimed to have cut a sample about 8' across at bottom of 100' shaft, that is at the water level. The sample assayed .04 ounces gold and 9.4% copper. After Mr. West and I had descended to the water level, I asked him where he cut the sample. He said water had risen in shaft and the place was under water. I then examined the shaft all the way to the top by the aid of a lamp and could detect no indication of copper stains. It was impossible to examine the ends of the shaft where the vein was supposed to be with a pick because the ladder was hanging in the empty hole and too far away from each end. Personally I doubt whether the applicants took a sample in this shaft. I am of the opinion that very little ore came from this shaft.

7. COMMENTS OF SUPERVISING ENGINEER

The examination and sampling indicates that the property is not worthy of a loan. Therefore, I do not recommend that a loan be granted.

CAR
CHARLES A. RASOR
Supervising Engineer

CAR:af

Attachments:

1. Map
2. Assay Certificate

CLAUDE E. MCLEAN
P. O. BOX 1888

TELEPHONE 3-6272

ARIZONA TESTING LABORATORIES

ANALYTICAL AND CONSULTING CHEMISTS
ASSAYERS, MINING ENGINEERS
823 EAST VAN BUREN STREET

ASSAY CERTIFICATE

August 4, 1945

PHOENIX, ARIZONA,

M F. C. A. Rasor, Supervising Engineer, Inc.,
525 Beard Building,
Phoenix, Arizona

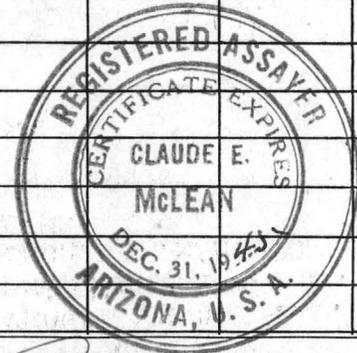
WE HAVE ASSAYED THE SAMPLES RECEIVED FROM YOU AND FIND THE RESULTS AS FOLLOWS:

GOLD FIGURED AT \$ 35.00 PER OUNCE.

SILVER FIGURED AT \$ 0.70 PER OUNCE.

LAB. FORM 2

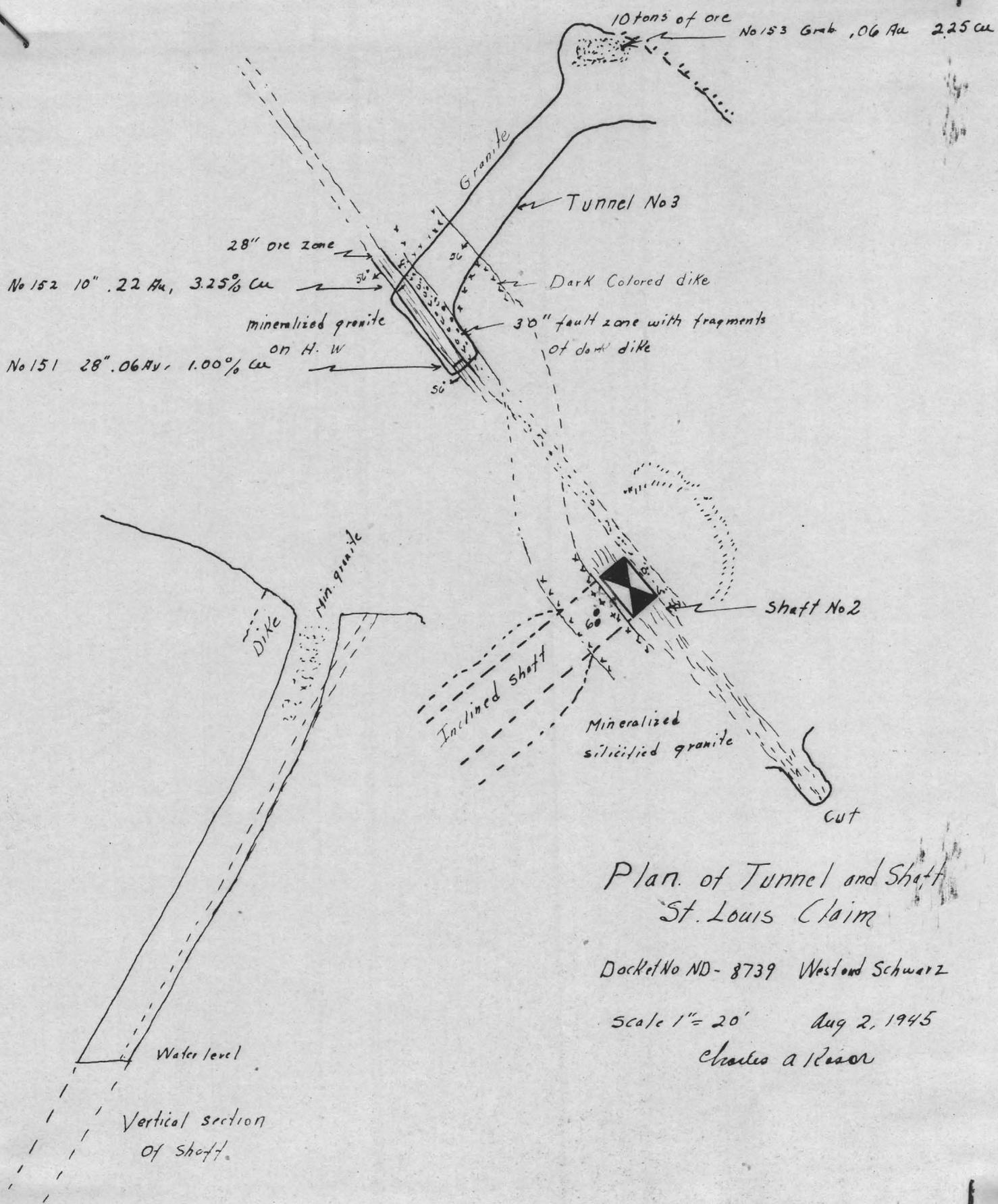
LAB. NO.	SAMPLE	GOLD		SILVER		PERCENTAGES		
		OZ. PER TON	VALUE	OZ. PER TON	VALUE	COPPER	LEAD	
57479	#151	0.06	2.10	0.15	0.11	1.00%	28" across vein	
57480	#152	0.22	7.70	0.40	0.28	3.25%	10" cut	
57481	#153	0.06	2.10	0.15	0.11	2.25%	Grab from ore pile	
	West & Schwars property							



RESPECTFULLY SUBMITTED,
ARIZONA TESTING LABORATORIES

BY Claude E. McLean ASSAYER

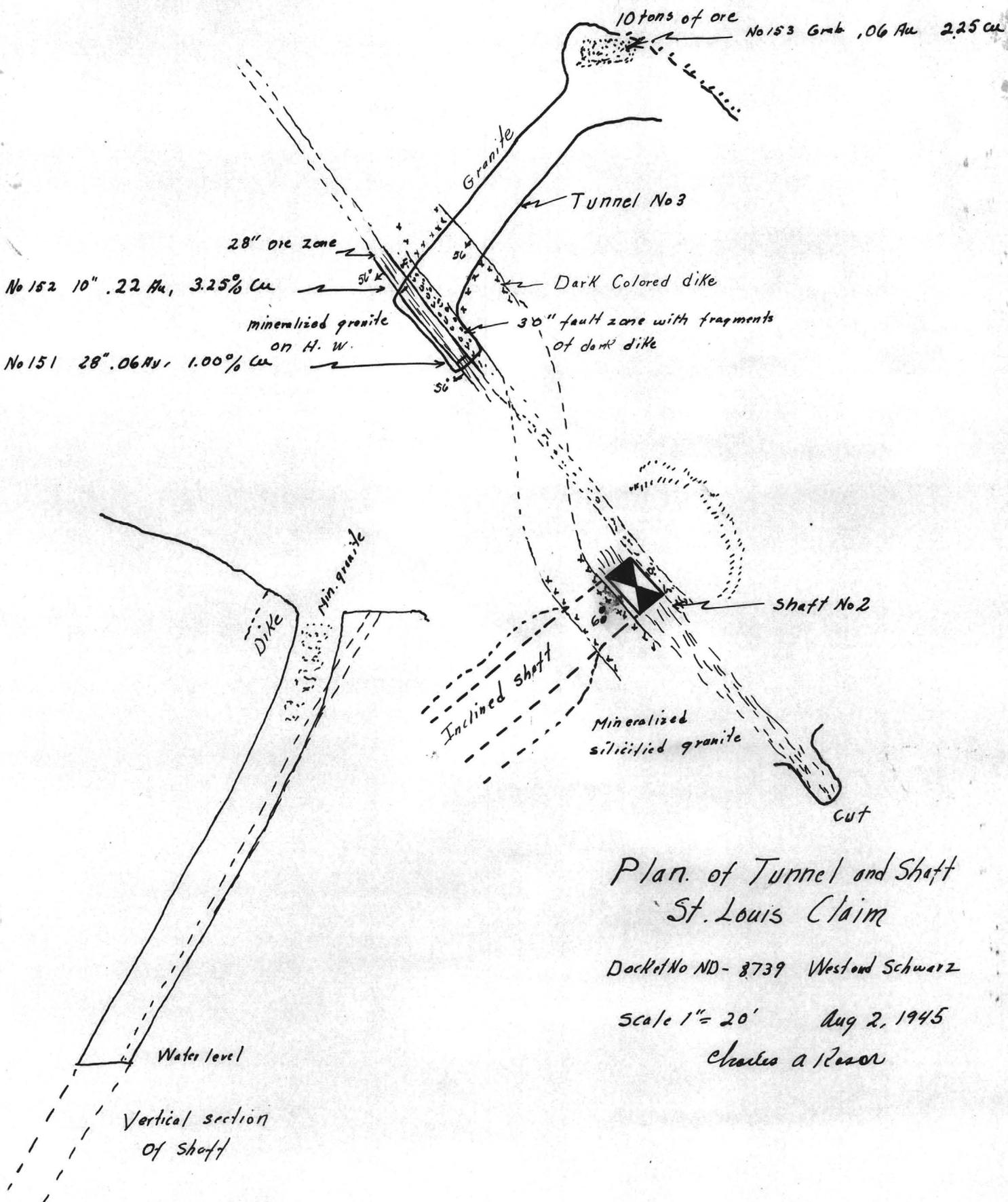
CHARGES \$ 6.00



Plan of Tunnel and Shaft
St. Louis Claim

Docket No ND- 8739 Westford Schwarz

Scale 1" = 20' Aug 2, 1945
Charles A. Reason



Plan. of Tunnel and Shaft
 St. Louis Claim
 Docket No ND- 8739 Westford Schwarz
 Scale 1" = 20' Aug 2, 1945
 Charles A. Resor

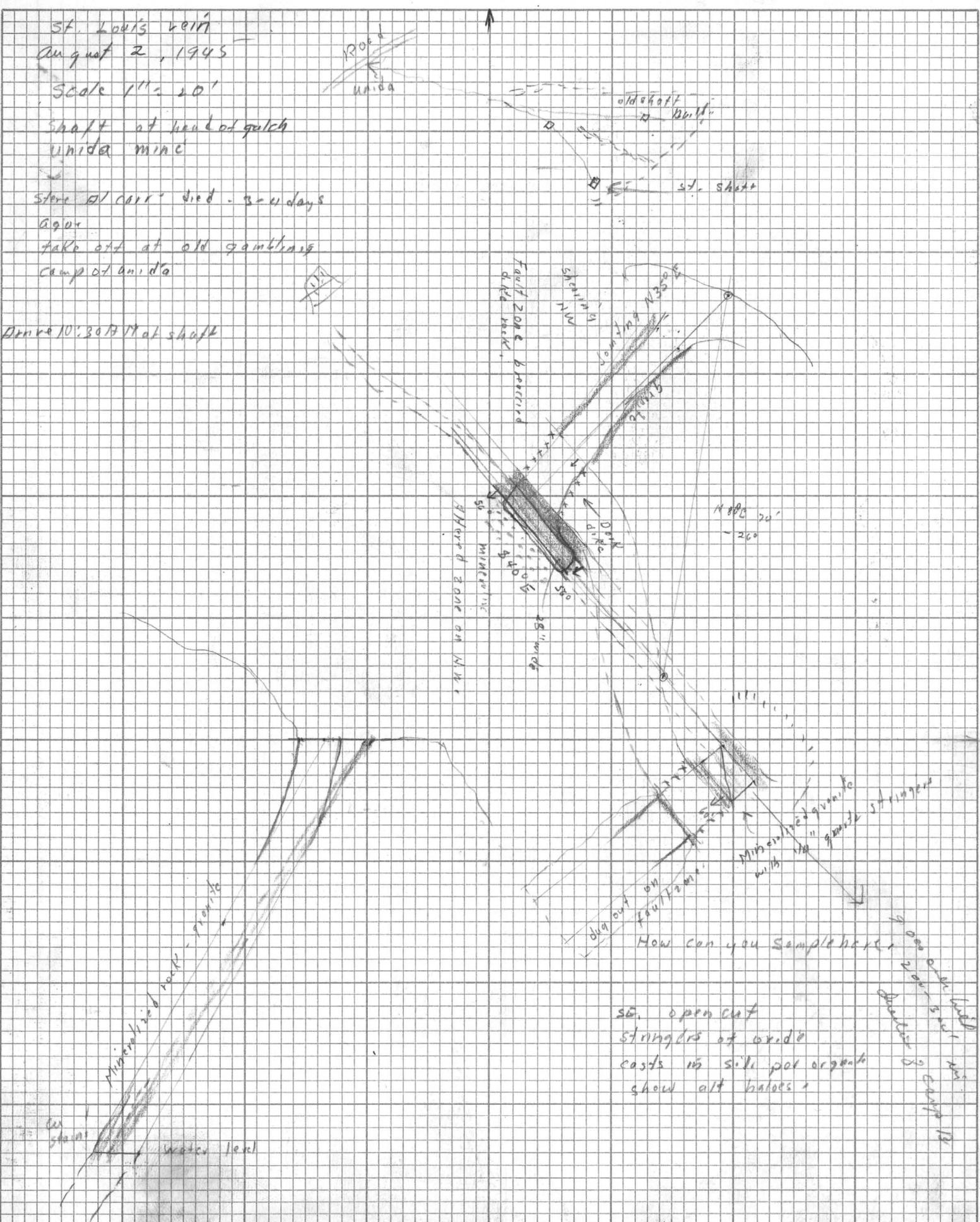
St. Louis vein
August 2, 1945

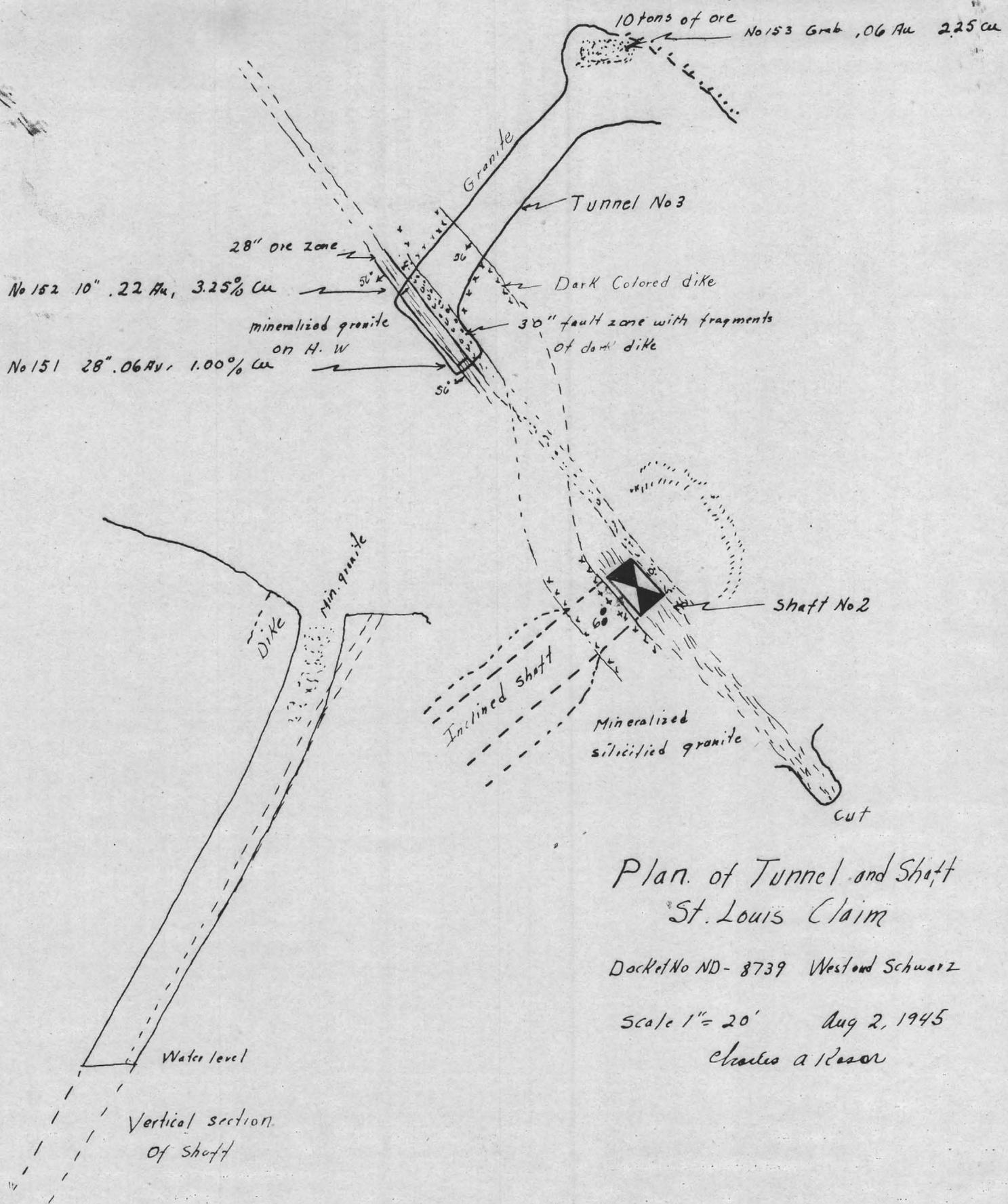
Scale 1" = 20'

Shaft at head of gulch
Unida mine

Stone of Carr died - 3-4 days ago
take off at old gambling camp at Unida

Arrive 10:30 AM at shaft

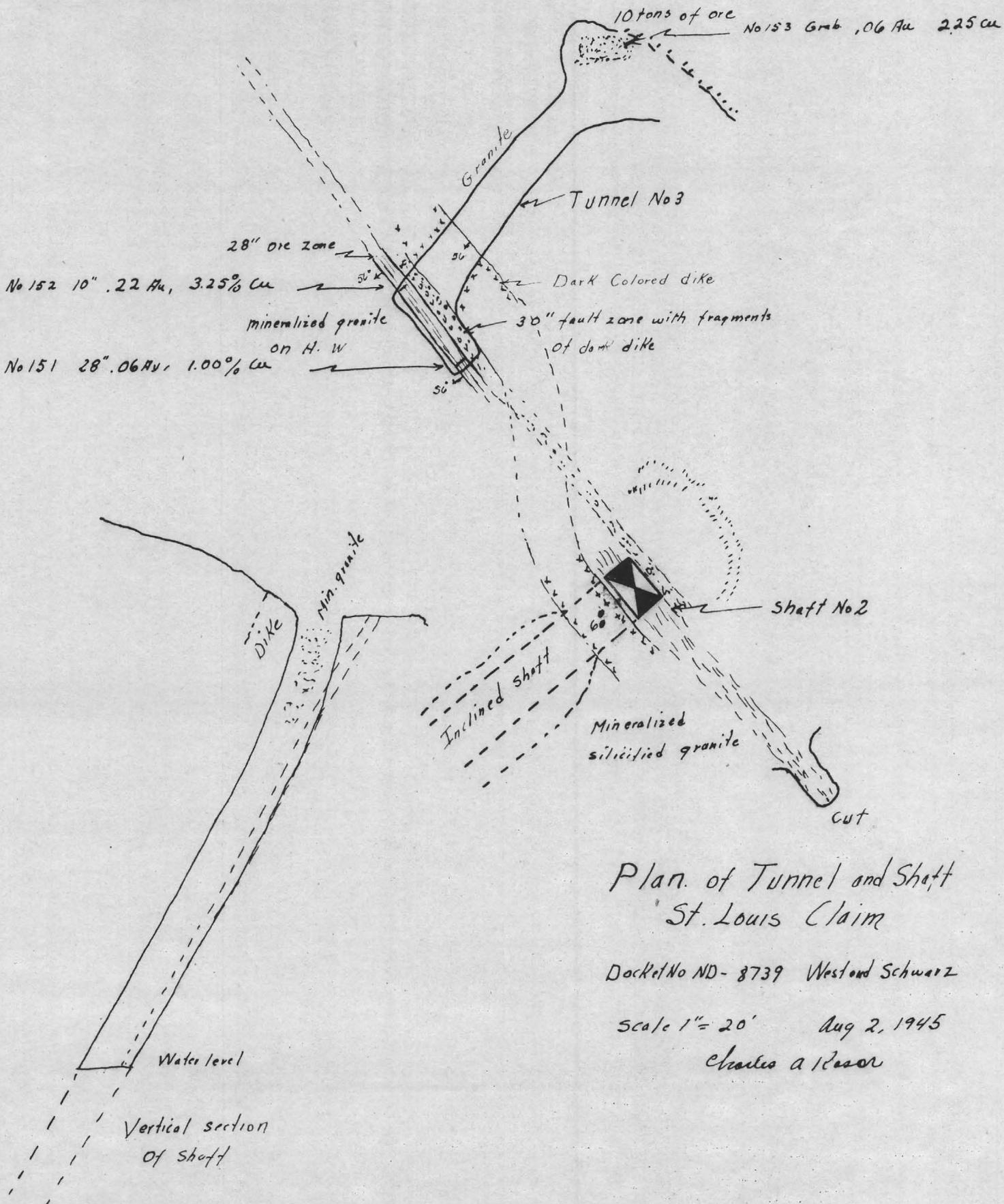




Plan of Tunnel and Shaft
St. Louis Claim

Docket No ND- 8739 Westford Schwarz

Scale 1" = 20' Aug 2, 1945
Charles A. Pearson



Plan of Tunnel and Shaft
 'St. Louis Claim'

Docket No ND- 8739 Westford Schwarz

Scale 1" = 20' Aug 2, 1945

Charles A. Benson