

GORDON N. SCOTT

900 WILSHIRE BOULEVARD  
LOS ANGELES 90017

MADISON 9.3896

5 October 1967

SCS 6724C (L)

**SOILS  
CMWD  
205**

Mr. W. E. Ingalsbe  
Perliter and Ingalsbe  
620 West Olympic Boulevard  
Los Angeles, California 90015

Subj: Calleguas Municipal Water District: Lindero Feeder Unit 2  
and lateral to storage; soil corrosivity survey

*(Project No. 173)*

Incls: (1) Preliminary drawing showing geographical distribution  
of soil resistivity

Dear Mr. Ingalsbe:

Corrosivity survey results on Unit 2 point to the desirability of using a thicker coating throughout, bonding all joints and isolating line segments at convenient intervals or points such as mainline valves. The usual test lead schedule would apply.

Two segments of the line will lie in soils of very low resistivity (Class I)—about 70% in soils of resistivity less than 1000 ohm-cm. The first section, as may be seen in the inclosure, begins about 1500 feet west of the line dividing the two major properties and extends eastward about 8000 feet. The second span begins about 2600 feet further on and ends in about another 2000 feet. However, in the latter section I am a little concerned that I did not follow the proposed route. In an earlier conversation with you we did not find a common landmark at the end of the second parcel of land.

The soils in the remainder of the unit are borderline with respect to corrosivity, which, in addition to the fact that the aqueduct generally follows other cathodically protected pipelines, influences the decision of paragraph 1 above. Although the paralleling pipeline <sup>is</sup> undoubtedly very well coated there is little question that the aqueduct will be subject to cathodic interference. It is likely that much of the line will in time have to be placed under cathodic protection.

Very sincerely yours,

  
Gordon N. Scott

GNS/pws

12 000

1000

Pump Sta

Test No

Simi Rd

Gate

N-S Rd

59  
5/12  
3/17  
706

Lindero Feeder, Unit 2  
Sheet 1 of 3

10

18

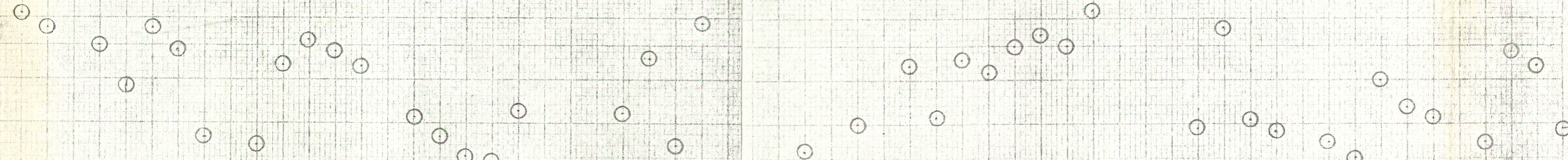
20

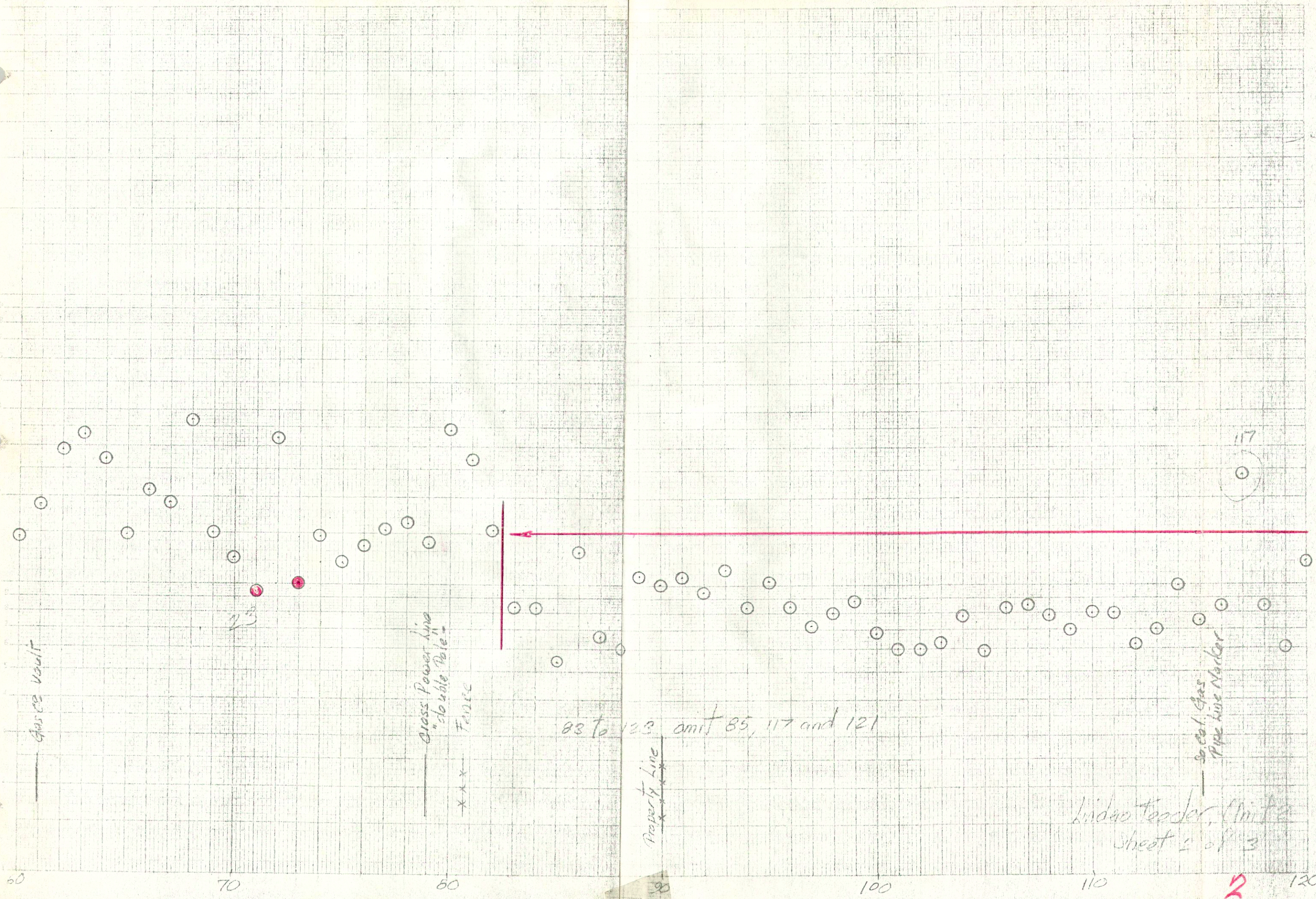
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Gas 12" Vault

23

Gross Power Line  
"Double Pole"  
Fence

83 to 123 omit 85, 117 and 121

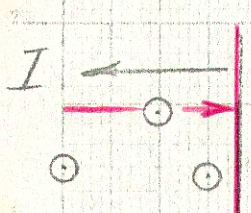
Property Line

Social Gas  
Pipe Line Marker

Linda Teader, (Mita)  
Sheet 2 of 3

117

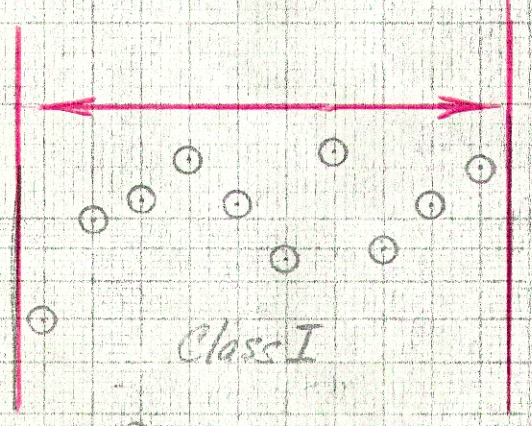
2



Rd. Intersection  
Deep gulch

Draw

Dirt Rd  
Intersect Pipe lines  
Deep Gulch



Class I

PK Rd

Property line

Kindra Feeder - Unit 2  
Sheet 3 of 3