

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

Materials Engineering Division

MECHANICAL ANALYSIS

Project DEBRIS QUALITY STUDY

Source Kinnetoa Debris Basin-West Branch

Sampled by JHE Date 6/22/73

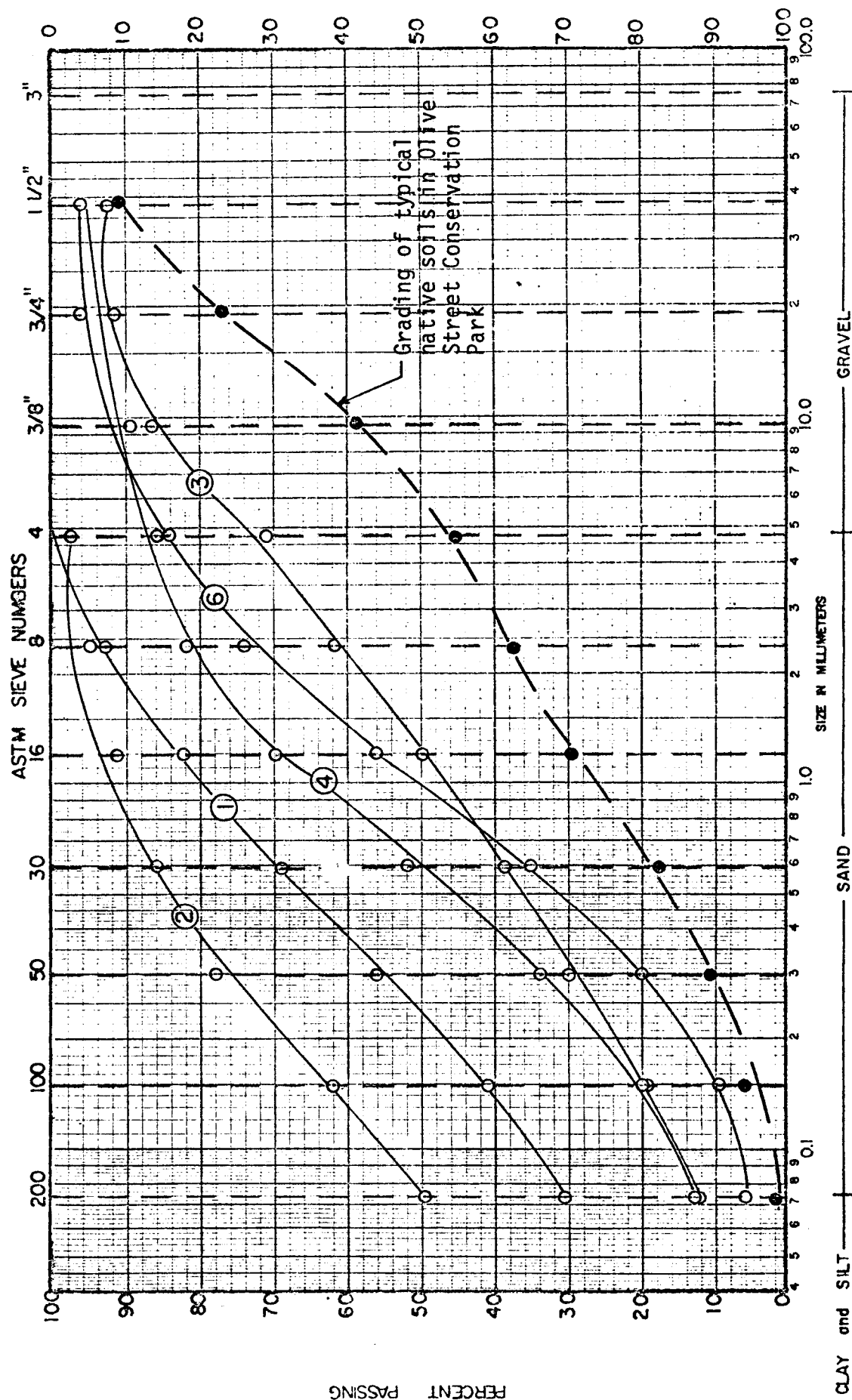
Remarks Composite of Borings

Gradation of Soil Deposits

Each Boring Represents 16 2/3%
of Reservoir Deposits

FIGURE 9

Depth Ranges: 0'-12'



PERCENT RETAINED

FIGURE 9

PERCENT PASSING

CLAY and SILT

SAND

SIZE IN MILLIMETERS

GRAVEL

TABLE 3

SUMMARY SHEET**KINNELOA DEBRIS BASIN
WEST BRANCH**

BORING NO.	BORING DEPTH (ft)	CLASSIFICATION RANGE	COMPOSITE CLASSIFICATION	COMPOSITE O.M. (%)	COMPOSITE PERMEABILITY (ft/day)
1	10	SM	SM	1.0	< 1
2	11	SM	SM	2.3	< 1
3	11	SM	SM	0.3	12
4	10	SM	SM	0.2	12
5	No sample was obtained			0.2*	25*
6	12	SW-SM	SW-SM	0.1	60

* Estimates

TABLE 4

SUMMARY SHEET**KINNELOA DEBRIS BASIN**

BORING NO.	BORING DEPTH (ft)	CLASSIFICATION RANGE	COMPOSITE CLASSIFICATION	COMPOSITE O.M. (%)	COMPOSITE PERMEABILITY (ft/day)
1	10	SM	SM	6.7	5
2	11	SW-SM	SW-SM	1.0	130
3	9	SP-SM	SP-SM	1.3	100
4	12	SW-SM	SW-SM	0.9	85
5	5	SM	SM	0.6	6
6	No sample was obtained			1.0*	>100*

* Estimates

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

Materials Engineering Division

MECHANICAL ANALYSIS

Project DEBRIS QUALITY STUDY
 Source Kinneloa Debris Basin
 Sampled by JHE Date 7/31/73
 Remarks Composite of Borings
Gradation of Soil Deposits
Each Boring Represents 16 2/3%
of Reservoir Deposits

FIGURE 10

Depth Ranges: 0'-12'

