The Bruce Williams Laboratories

ENGINEERING
FOUNDATIONS
INSPECTIONS
ANALYSES
SAMPLING
CONSULTING
RESEARCH

MAIN OFFICE AND LABORATORIES 618-624 JOPLIN STREET TELEPHONE 623-1556

ESTABLISHED 1898

Joplin, Missouri
64801

City Utilities of Springfield, Missouri
Jewell P. O. Box 551
Springfield, Missouri 65801

November 13, 1973

Inv. #B-351

Purchase Order No. E19161 Page 953

Re: Lab. No. 948976
Ash Sample

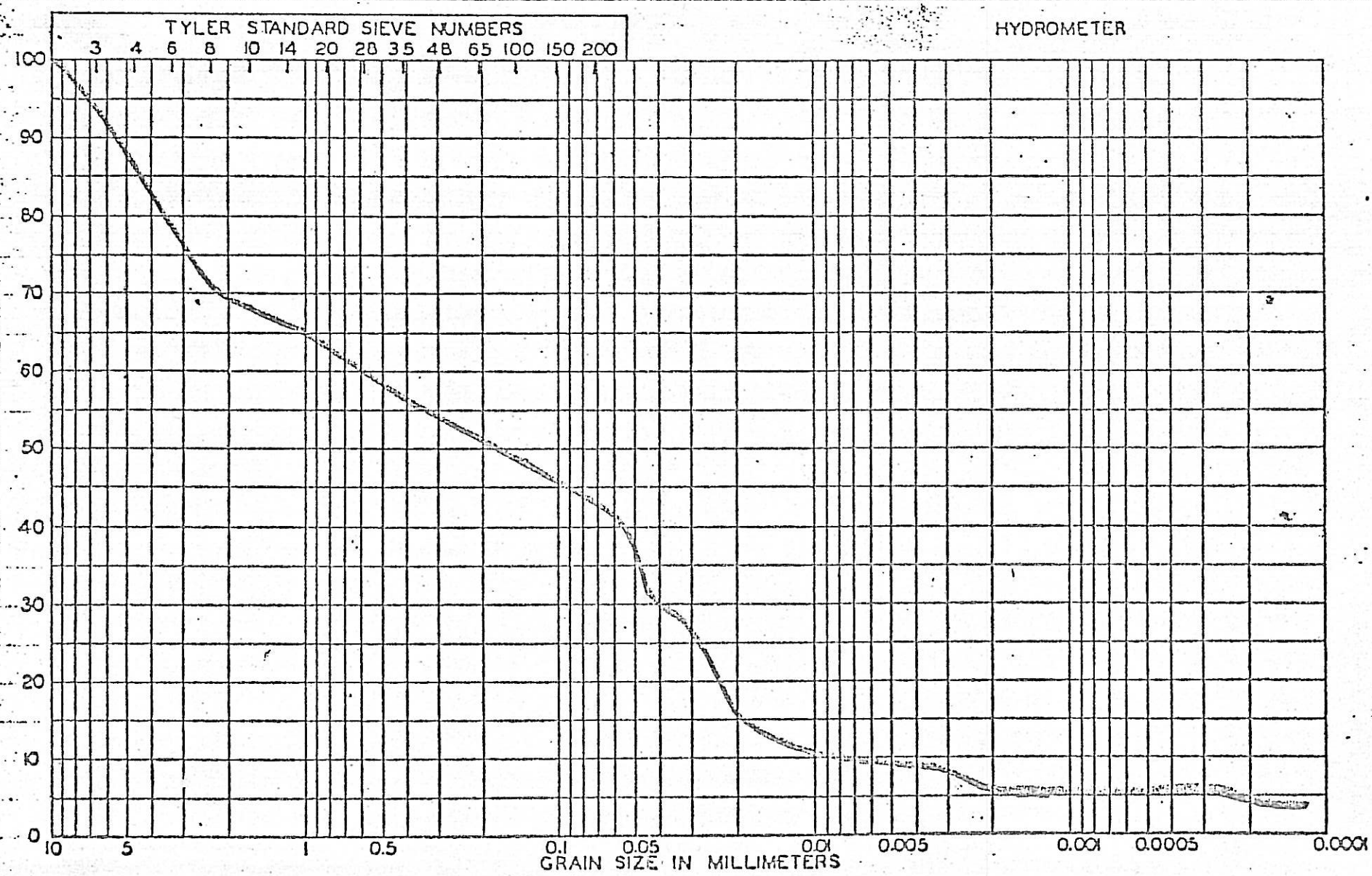
	948976
Percent weight:	
Silicon dioxide	30.90
Aluminum oxide	13.22
Iron oxide	24.30
Loss on ignition	5.70
Physical mean particle diameter in microns.	0.0498 Millimeter
Specific gravity.	2.78

Elmer Tyree
Elmer Tyree, Chief Chemist

THE ABOVE FIGURES ARE AS DETERMINED IN OUR LABORATORIES

The above is a waste product from City Utilities
proposed for use on snow and ice

City Utilities
301 E. Central



PROJECT _____ BORING NO _____ SAMPLE NO. _____

DEPTH _____ ELEVATION _____ REMARKS _____

GRAIN SIZE DISTRIBUTION DIAGRAM