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VB/I-70 WORKING GROUP
TECHNICAL SUB-GROUP MEETING
MAY 19, 1999

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LOGNORMAL DISTRIBUTION — WITHIN A YARD ?
CHRIS THINKS YES
JANE ASKED IF THIS WERE TESTED — CHRIS SAYS YES — THE INTENSIVE SAMPLED YARDS

ANTHONY — WILL EACH YARD HAVE A RISK ASSESSMENT ?
CHRIS — YES

DAVID — COMPOSITE SAMPLE DESIGN DOESN'T PROTECT AGAINST PICA CHILDREN ?
CELIA — WHAT DOES THIS HAVE TO DO WITH SAMPLING ? ISN'T THIS AN EXPOSURE QUESTION

20% OF PRESCHOOL CHILDREN DEMONSTRATE PICA BEHAVIOR
CHRIS & DAVID — MAY BE ABLE TO PREDICT A (NTE LEVEL) WHEN WE ESTABLISH AN ACTION LEVEL ?

A PREDICTED HIGHEST CONCENTRATION BASED ON POPULATION

THE STD DEVIATION VS MEAN GRAPH — WE CAN CONSIDER THIS AS LOGNORMAL DISTRIBUTION

ICP VS XRF — IS THE DISCREPANCY BEING INVESTIGATED
NOTE: PREPARE THE SAME ANALYSIS FOR SUBSURFACE SOILS FOR ARSENIC, LEAD, CAD, ZINC

ASARCO - IN GLOBEVILLE, FOUND LEAD CONCENTRATIONS HIGHER AT DRIP LINE

LEAD PAINT WAS FOUND IN THE SOILS FAR FROM HOUSE

ASARCO DID ELECTRON MICROSCOPY TO LOOK FOR LEAD PAINT - IN YARDS IT WAS FOUND THAT CLOSE TO HOUSE LEAD CONCENTRATIONS

ATSDR GRAPHS -

NEED HOUSE AGE INFO FOR THE LEAD CONC. ANALYSIS

LOCAL AIR DATA

EMISSIONS FROM 3 SMELTERS -

GLOBE = 1.0

ARCO : 0.5

OG = 0.5

ASARCO COMMENTS -

NORTH IS COMMERCIAL

REGIONAL LEAD DATA IS AVAILABLE

PRODUCTION RATES OF OMAHA GRANT : ARCO COULD BE MORE PRECISE