TYPICALLY SEE A DIFFERENCE OF ABOUT 30% BETWEEN FINE : BULK

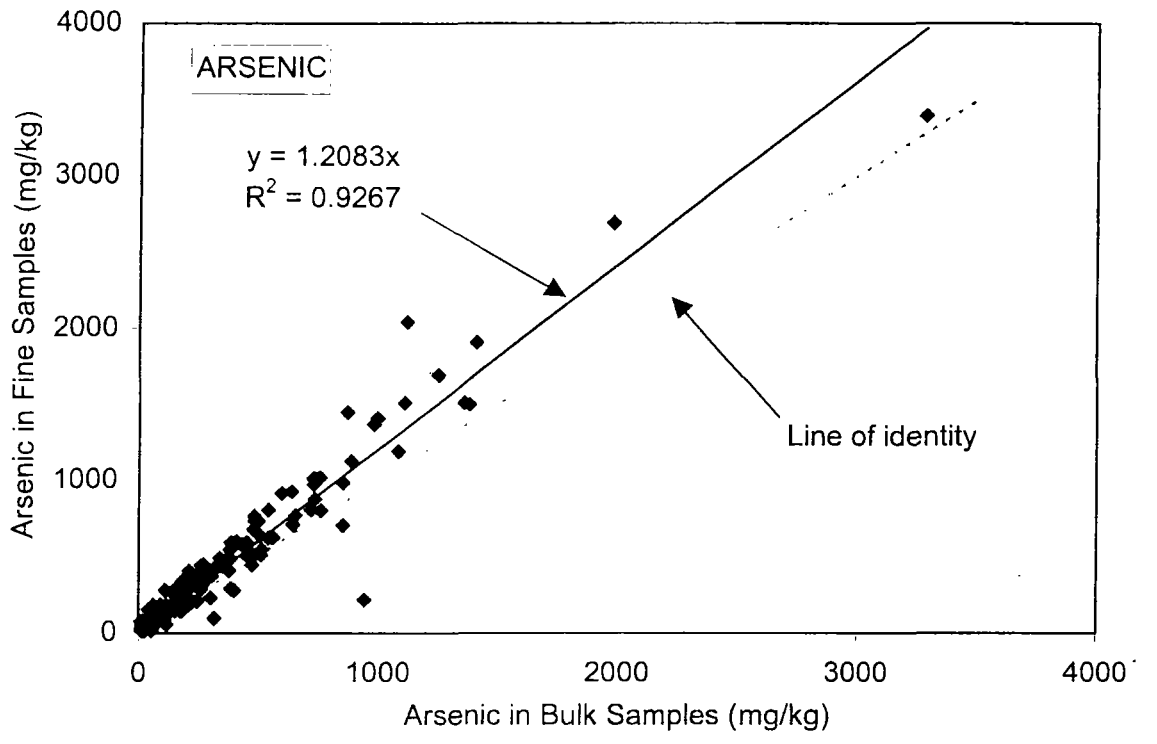
DRAFT

SDMS Document ID 2007061

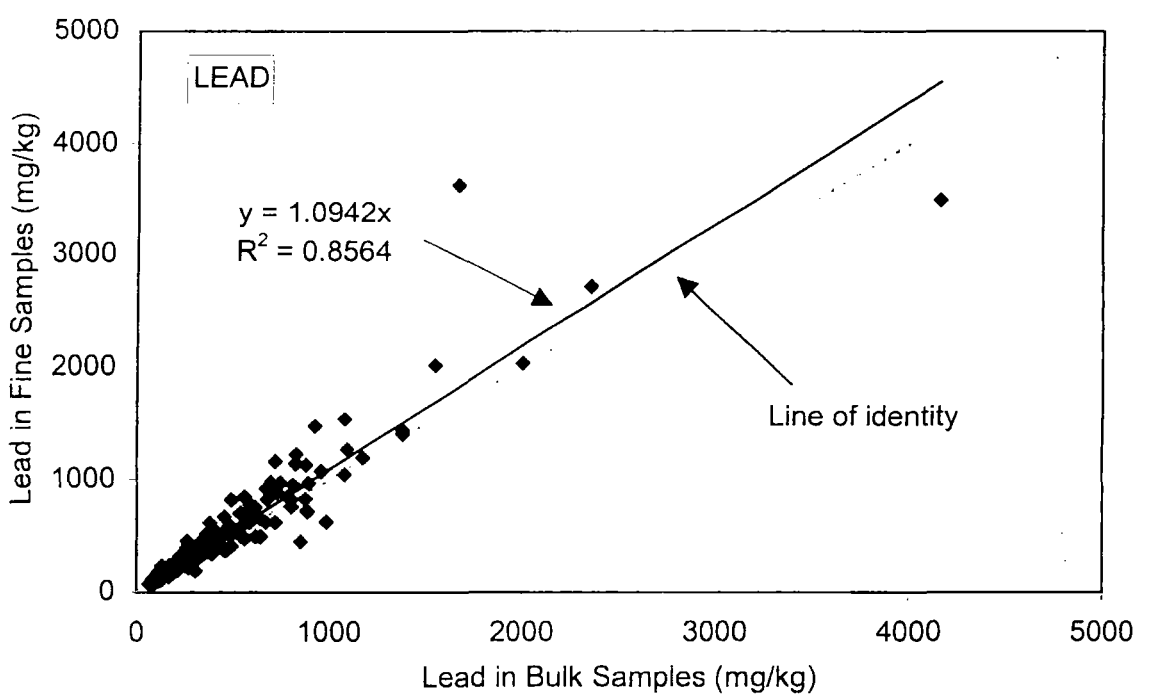
BULK — #10 SIEVE < 2 MM

FINE - <250 µm

FIGURE xxx BULK-FINE RELATIONSHIP FOR RESIDENTIAL SOILS



N= ?



JOYCE — WHAT IF YOU GRAPHED LOG v. LOG FOR LEAD DATA ? SLOPE NOT STATISTICALLY DIFFERENCE FROM ONE

GARDEN SOILS - COLLECTED ADDITIONAL GARDEN SOIL SAMPLES

100 - 200

200 - 300

300 - 400

PREDICTED - 0.85

USUALLY > 0

AND GETS GREATER FOR ~~GREATER~~ INCREASING SOIL CONC.

II. PROPERTIES OF CONCERN FOR SOIL INGESTION ONLY -

WENT FROM 63 TO APPROXIMATELY 92

LEAD - HOW DO BLOOD LEAD LEVELS COMPARE TO OTHER AREAS (NON-IMPACTED)
CAN WE GET GOOD ESTIMATE OF GSD
CAN WE SEE A RELATIONSHIP BETWEEN SOIL LEAD : BLOOD LEAD

WHAT IS NEEDED IS DATA ON ENVIRONMENTAL LEAD CONC., AGE,

(1) FALL OF '95
GOAL - ID THE HIGHEST RISK PROPERTIES IN NORTH DENVER
NOT JUST A CROSS SECTIONAL RANDOM - IT WAS BITTER TO
MEDICAID KIDS, OLD HOMES ARE VENAPUNCTURE ALL AT HOMES

(2) MEDICAL MONITORING - NOT RANDOM
VOLUNTARY

JOYCE -
THIS SITE HAS SUCH A NARROW RANGE OF SOIL CONCENTRATIONS & HIGH BLOOD LEAD VARIABILITY

CONCLUDE: - BLOOD LEADS IN KIDS NOT VERY DIFF. INSIDE VS. OUTSIDE
- MAY BE HIGHER THAN NATIONAL BUT HARD TO TELL