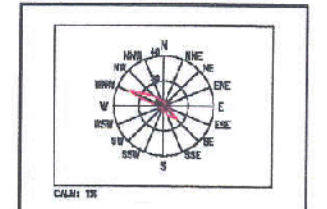


LOCATION
NO SCALE



WIND ROSE OF THE TIJUANA, B.C. TT MONITORING STATION, 1998
(PERCENTAGE AND ORIGINATING DIRECTION)

LEGEND

- WIRE MESH FENCE
- ▭ METAL STRUCTURE
- SAMPLING FROM FEBRUARY 2001 (COC)
- ⊕ SAMPLING FROM DECEMBER 1999 (PROFEPA)
- As ARSENIC
- Pb LEAD
- 500.00 LEVEL EXCEEDS INTERIM CRITERIA
- ND NON-DETECTABLE
- MDR-01 HAZARDOUS WASTE SAMPLE (CRETIB)
- WASTE AREA
- UNPAVED AREA
- DIRECTION OF SURFACE WATER FLOW (RUNOFF)

(COC) SITE CHARACTERIZATION STUDY AT METALES Y DERIVADOS DE MEXICO, S.A. DE C.V., IN TIJUANA, B.C.-NORTH AMERICAN COMMISSION FOR ENVIRONMENTAL COOPERATION, MARCH 9, 2001.

(PROFEPA) CHARACTERIZATION OF SITE CONTAMINATED WITH HAZARDOUS WASTE METALES Y DERIVADOS IN BAJA CALIFORNIA. FINAL REPORT TO PROFEPA, DECEMBER 1999.

(CRITERIA) INTERIM CRITERIA FOR RESTORATION OF CONTAMINATED SOIL-INDUSTRIAL USE PROFEPA

(CRETIB) CLASSIFICATION OF WASTE AS HAZARDOUS NOM-053-ECOL/93

NOTE:
FOR CONSISTENCY IN THE NUMBERS SHOWN, THE ENGLISH DECIMAL NUMBERING SYSTEM IS USED. PERIODS (.) REPRESENT DECIMALS, WHILE COMMAS (,) REPRESENT THOUSANDS.

FIGURE No. 1.: LEAD AND ARSENIC CONCENTRATIONS AT SOIL SAMPLING LOCATIONS

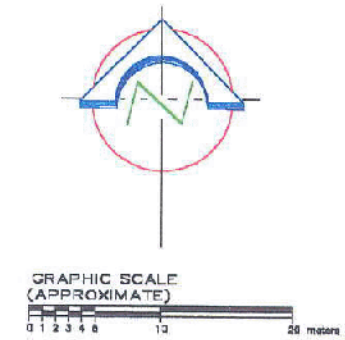
FACTUAL RECORD FOR SUBMISSION SEM-98-007
SITE CHARACTERIZATION AT METALES Y DERIVADOS DE MEXICO IN TIJUANA, B.C. MEXICO

COMMISSION FOR ENVIRONMENTAL COOPERATION OF NORTH AMERICA

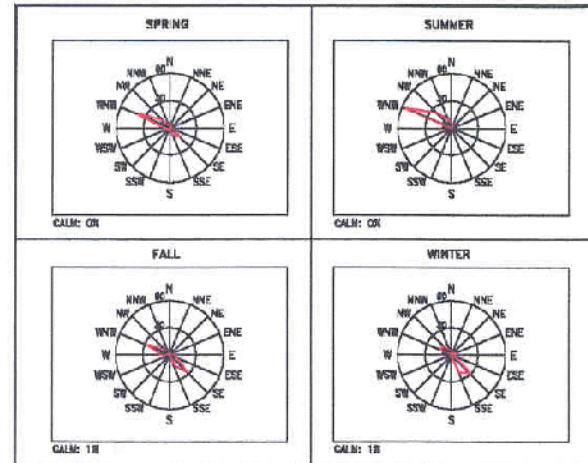
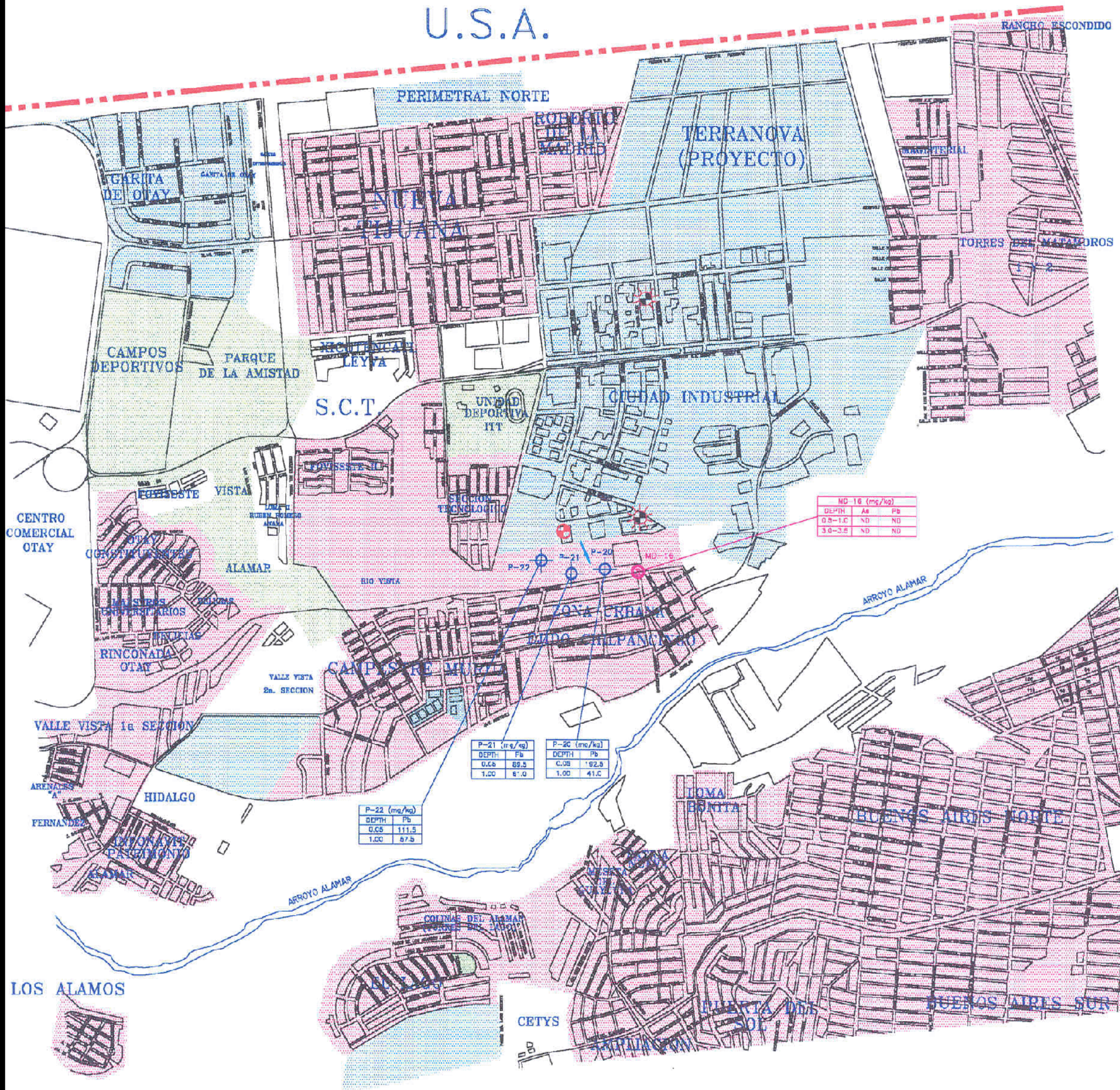
PREPARED BY: ALLIANCE CONSULTING INTERNATIONAL

DATE: JULY 2001 UNITS: METRIC SCALE: AS INDICATED DWG.: SMT/Jen

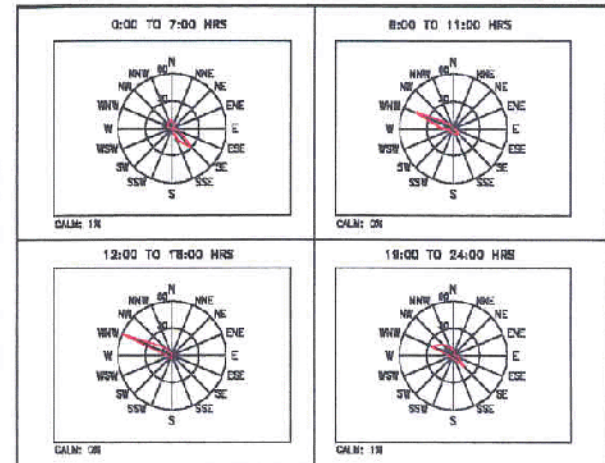
SHEET 1/2



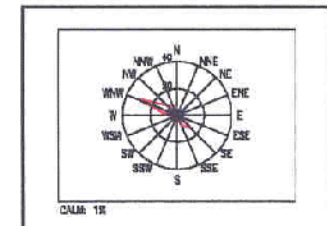
U.S.A.



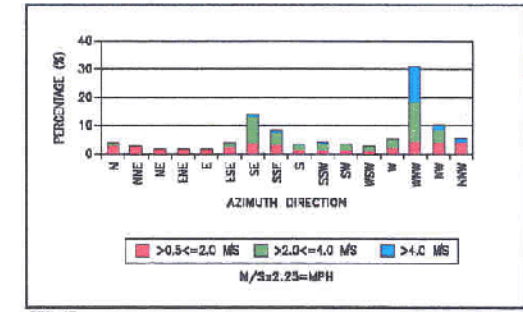
ORIGINATING DIRECTION & FREQUENCY OF SURFACE WINDS BY SEASONS IN TIJUANA, B.C. (ITT MONITORING STATION, 1998)



ORIGINATING DIRECTION & FREQUENCY OF THE ANNUAL SURFACE WINDS HOURLY AVERAGE AT THE ITT MONITORING STATION IN TIJUANA, B.C., 1998



WIND ROSE OF THE TIJUANA, B.C. ITT MONITORING STATION, 1998 (PERCENTAGE AND ORIGINATING DIRECTION)



PREVAILING WIND AT THE ITT STATION IN TIJUANA, B.C. 1998 (PERCENTAGE OF OCCURANCE BY ORIGINATING DIRECTION AND SPEED)

N = NORTH W = WEST E = EAST S = SOUTH

SOURCE: TIJUANA-ROSARITO AIR QUALITY IMPROVEMENT PROGRAM (SCHWAB, 2003)

LEGEND

- ZCNING (1)
- INDUSTRIAL
- RECREACIONAL
- RESIDENCIAL
- DIRECCION DE SUPERFICIE WATER FLOW (RUNOFF)
- METALES Y DERIVADOS SITE
- OTHER INDUSTRIES USING LEAD (2)
- SAMPLING FROM FEBRUARY 2001 (GEC)
- SAMPLING FROM DECEMBER 1998 (PROFEPA)

(GEC) SITE CHARACTERIZATION STUDY AT METALES Y DERIVADOS DE MEXICO, S.A. DE C.V., IN TIJUANA, B.C.-NORTH AMERICAN COMMISSION FOR ENVIRONMENTAL COOPERATION, MARCH 9, 2001.

(PROFEPA) CHARACTERIZATION OF SITE CONTAMINATED WITH HAZARDOUS WASTE METALES Y DERIVADOS IN BAJA CALIFORNIA. FINAL REPORT TO PROFEPA, DECEMBER 1998.

NOTE:
 (1) URBAN MAP-MUNICIPALITY OF TIJUANA (MAP SHOWN WITH ORIGINAL SPANISH NAMES)
 (2) SITE RECONNAISSANCE

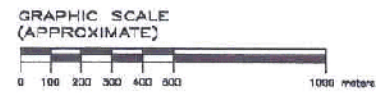
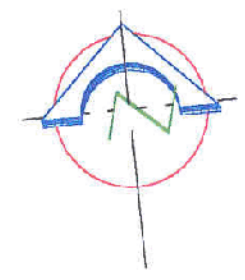


FIGURE No. 2. LOCATION OF LEAD SOURCES IN THE MESA DE OTAY

FACTUAL RECORD FOR SUBMISSION SEM-98-007
 SITE CHARACTERIZATION AT METALES Y DERIVADOS DE MEXICO IN TIJUANA, BAJA CALIFORNIA, MEXICO

COMMISSION FOR ENVIRONMENTAL COOPERATION OF NORTH AMERICA

PREPARED BY: ALLIANCE CONSULTING INTERNATIONAL

DATE: JULY 2001 UNITS: METRIC SCALE: AS INDICATED DWG.: AMT/ten