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ANALYTICAL RESULTS - STREAM SEDIMENT
FIELD DATA - POSSIBL QUAD

008992 SAMPLE TYPE WELL WATER ; SITE 050 ; MAP NH300 ; SAMPLER WEN ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 11/11/05/78
AIR TEMP(C) 35.0 ; LAT 29.782 ; LONG 104.139 ; UNIT CODE 05 ; VEGETATION BRUSH ; WEATHER LY WIND-PT CLAY ; CONTAMINANTS NONE ; STREAM P.OX/SEC ; WATER WIDTH(M) 0.01 ; WATER DEPTH(M) 0.00 ; WATER LEVEL M ; BED MATERIAL CLAY ; SAMPLE COLOR B-DO-BN ; SAMPLE ODOR NONE ; RESULTS REQUESTED YES ; CENTROID L AT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ; CONDUCTIVITY(MICROMhos/CM) 690 ; DISSOLVED OXYGEN(PPPM) 7.5 ; WATER TEMP(C) 28.9 ; VISIBILITY(M) CLEAR ; PH 7.8 ; LO-ION PAPER ; TOTAL ALKALINITY(PPPM) 270 ; P ALKALINITY(PPPM) 65 ; H ALKALINITY(PPPM) 200 ; APPEARANCE CLEAR ; DISCHARGE(LIT) 6.00 ; PRODUCING HORIZON TI ; CONFID. OF PROD DEPTH PROBABLE ; SOURCE GEO. INFERANCE
WELL WATER ; TYPE DRILLED ; PHA CLASS WIND ; CASING STEEL ; PIPE TYPE GALVANIZED ; METERS FROM HEAD 6 ; WAT PRESSURE TANK NONE ; USE STATION ; PUMPING FREQ FREQUENT ; DEPTH TO PROD HORIZON 35 ; CONFID. OF PROD DEPTH PROBABLE ; SOURCE OF PROD INFO GEO. INFERANCE ; WELL DEPTH(M) 35 ; CONFID. OF DEPTH HIGH ; SOURCE OF DEPTH INFO OWNER
REMARKS : 1-38 AERIAL PHOTO 29377 SAMPLE TAKEN FROM PIPE OVER HOLDING TANK, WELL LOCATED NH. NH ; T-07 TED HARPER 4 BOX 1132 RANCH HOUSE, 20M. DOWNSTREAM OF LARGE

008993 SAMPLE TYPE STREAM SEDIMENT ; SITE 050 ; MAP NH300 ; SAMPLER WEN ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 12/11/05/78
AIR TEMP(C) 30.0 ; LAT 29.783 ; LONG 104.138 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; MODERATE ; RELIEF GENTLE ; WEATHER LY WIND-PT CLAY ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) 0.000 METER FROM HEAD 6 ; WATER LEVEL M ; BED MATERIAL CLAY ; SAMPLE COLOR B-DO-BN ; SAMPLE ODOR NONE ; RESULTS REQUESTED YES ; CENTROID L AT 0.000 LONG 0.000

SEDIMENT INFORMATION ; SAMPLE CONDITION DRY ; SAMPLE TREATMENT NONE ; NO. GRABS 23 ; ORGANIC MATERIAL 4
REMARKS : 1-38 AERIAL PHOTO 29377 COLLECTED IN MISTREAM OVER 210M. INTERVAL, GOING UPSTREAM, STARTING DUE NORTH EAST OF WINDMILL

1-76 TED HARPER 4 BOX 1132 RANCH HOUSE ; T-07 BH ; 7693 RANCH HOUSE ; T-07 BH ; 7693

008994 SAMPLE TYPE WELL WATER ; SITE 050 ; MAP NH300 ; SAMPLER WEN ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 14/11/05/78
AIR TEMP(C) 30.0 ; LAT 29.803 ; LONG 104.238 ; UNIT CODE TETT ; VEGETATION BRUSH ; WEATHER LY WIND-CLEAR ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) 0.000 ; WATER DEPTH(M) 0.000 ; WATER LEVEL M ; BED MATERIAL CLAY ; SAMPLE COLOR D-RO-BN ; SAMPLE ODOR OTHER ; RESULTS REQUESTED NO ; CENTROID L AT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ; CONDUCTIVITY(MICROMhos/CM) 910 ; DISSOLVED OXYGEN(PPPM) 3.1 ; WATER TEMP(C) 28.5 ; VISIBILITY(M) CLEAR ; PH 7.2 ; LO-ION PAPER ; TOTAL ALKALINITY(PPPM) 370 ; P ALKALINITY(PPPM) 65 ; H ALKALINITY(PPPM) 305 ; APPEARANCE CLEAR ; DISCHARGE(LIT) 12.00 ; PRODUCING HORIZON 00 ; CONFID. OF PROD DEPTH PROBABLE ; SOURCE GEO. INFERANCE
WELL WATER ; TYPE DRILLED ; PHA CLASS ELECTRIC ; CASING STEEL ; PIPE COMP. GALVANIZED ; METERS FROM HEAD 6 ; WAT PRESSURE TANK NONE ; USE HOUSEHOLD ; PUMPING FREQ FREQUENT ; DEPTH TO PROD HORIZON 31 ; CONFID. OF PROD DEPTH POSSIBLE ; SOURCE OF PROD INFO GEO. INFERANCE ; WELL DEPTH(M) 31 ; CONFID. OF DEPTH LOW ; SOURCE OF DEPTH INFO OWNER
REMARKS : 1-38 AERIAL PHOTO 26679 SAMPLE TAKEN FROM FAUCET IN WELL HOUSE, WELL LOCATED SH. W. OF 100 YEAR OLD FORT, H. M. GREENWOOD, OWNER

008995 SAMPLE TYPE STREAM SEDIMENT ; SITE 050 ; MAP NH300 ; SAMPLER WEN ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 15/11/05/78
AIR TEMP(C) 30.0 ; LAT 29.802 ; LONG 104.203 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; MODERATE ; RELIEF GENTLE ; WEATHER LY WIND-CLEAR ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) 0.30 ; WATER WIDTH(M) 0.02 ; WATER DEPTH(M) 0.000 ; WATER LEVEL M ; BED MATERIAL CLAY ; SAMPLE COLOR D-RO-BN ; SAMPLE ODOR OTHER ; RESULTS REQUESTED NO ; CENTROID L AT 0.000 LONG 0.000

SEDIMENT INFORMATION ; SAMPLE CONDITION DRY ; SAMPLE TREATMENT NONE ; NO. GRABS 18 ; ORGANIC MATERIAL 10
REMARKS : 1-38 AERIAL PHOTO 26679 COLLECTED IN MISTREAM OVER 580M. INTERVAL, GOING UPSTREAM, STARTING AT POINT DUE SOUTH OF RANCH HOUSE, 20M. DOWNSTREAM OF LARGE HILLO WOOD TREE ON NORTH BANK WITH BRANCH EXTENDING TO SOUTH BANK ; T-07 ODOR OF
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<tr>
<th>Sample Code</th>
<th>Sample Type</th>
<th>Site Code</th>
<th>Map NH-308</th>
<th>Sampler</th>
<th>Phase</th>
<th>Time Sample Taken</th>
<th>Results Requested</th>
<th>Contaminants</th>
<th>Conductivity</th>
<th>Dissolved Oxygen</th>
<th>Total Alkalinity</th>
<th>P Alkalinity</th>
<th>H Alkalinity</th>
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<td>Contaminants None</td>
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<td>H Alkalinity 0.3</td>
<td>Source of Depth Info</td>
<td>Source of Depth Info Owner</td>
<td>Remarks</td>
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FIELD DATA - PRESIDIO QUAD

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRABS 17; ORGANIC MATERIAL 0%
REMARKS:
I-38 CHINATI PEAK NW; 7.5 MIN.; SAMPLE COLLECTED GOING UPSTREAM; STARTING 22M. ABOVE CONFLUENCE, OVER 60MIN. INTERVAL;
CENTROID: LAT 0.000 LONG 0.000

010340 SAMPLE TYPE STREAM SEDIMENT: SITE 0602; T.D.WOOD; BOX 186; MARFA; TX 79843;
AIR TEMP(C): 32.4; LAT 29.916; LONG 104.399; UNIT CODE TEC; VEGETATION BRUSH; SPARSE; RELIEF GENTLE;
WEATHER: LT WIND; CLEAR; CONTAMINANTS: NONE; STREAM FLOW(M/SEC): 2.00; WATER WIDTH(M): 1.00; WATER DEPTH(M): 0.60;
WATER LEVEL: POOLS; BED MATERIAL: COBBLE; SAMPLE COLOR: M-RED-BN; SAMPLE ODOR: NONE; RESULTS REQUESTED: YES;
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRABS 17; ORGANIC MATERIAL 0%
REMARKS:
I-38 CHINATI PEAK NW; 7.5 MIN.; SAMPLE COLLECTED GOING UPSTREAM OUT OF THE WATER, OVER 60MIN. INTERVAL; STARTING 9M.
UPSTREAM FROM CONFLUENCE OF STREAM; I-78 T.D. WOOD; BOX 186; MARFA; TX 79843;

010341 SAMPLE TYPE STREAM SEDIMENT: SITE 0603; MAP NH; 1308; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 13/12/05/78;
AIR TEMP(C): 32.4; LAT 29.913; LONG 104.399; UNIT CODE TEC; VEGETATION BRUSH; SPARSE; RELIEF GENTLE;
WEATHER: CLM; CLEAR; CONTAMINANTS: NONE; STREAM FLOW(M/SEC): 4.50; WATER WIDTH(M): 1.60; WATER DEPTH(M): 0.60;
WATER LEVEL: POOLS; BED MATERIAL: PEBBLE; SAMPLE COLOR: M-RED-BN; SAMPLE ODOR: NONE; RESULTS REQUESTED: YES;
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRABS 19; ORGANIC MATERIAL 0%
REMARKS:
I-38 CHINATI PEAK NW; 7.5 MIN.; SAMPLE COLLECTED GOING UPSTREAM STARTING 55M. ABOVE STREAM CONFLUENCE, OVER 90MIN.
CENTROID: LAT 0.000 LONG 0.000

014219 SAMPLE TYPE STREAM SEDIMENT: SITE 000; T.D.WOOD; BOX 186; MARFA; TX 79843;
AIR TEMP(C): 32.4; LAT 29.917; LONG 104.399; UNIT CODE TEC; VEGETATION BRUSH; SPARSE; RELIEF GENTLE;
WEATHER: CLM; CLEAR; CONTAMINANTS: NONE; STREAM FLOW(M/SEC): 2.00; WATER WIDTH(M): 0.60; WATER DEPTH(M): 0.60;
WATER LEVEL: DRY; BED MATERIAL: SAND; SAMPLE COLOR: L-GY-BN; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO;
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRABS 20; ORGANIC MATERIAL 0%
REMARKS:
I-38 RUIDOSA NE ADU PROVE; SAMPLE COLLECTED OVER A 60MIN. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 250M.
UPSTREAM OF ROAD BEYOND TREES AND ROAD WORK;

014220 SAMPLE TYPE STREAM SEDIMENT: SITE 002; T.D.WOOD; BOX 186; MARFA; TX 79843;
AIR TEMP(C): 21.0; LAT 29.692; LONG 104.509; UNIT CODE TEC; VEGETATION BRUSH; SPARSE; RELIEF GENTLE;
WEATHER: CLM; CLEAR; CONTAMINANTS: NONE; STREAM FLOW(M/SEC): 0.10; WATER WIDTH(M): 3.00; WATER DEPTH(M): 0.60;
WATER LEVEL: DRY; BED MATERIAL: SAND; SAMPLE COLOR: L-GY-BN; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO;
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRABS 20; ORGANIC MATERIAL 0%
REMARKS:
I-38 RUIDOSA NE ADU PROVE; SAMPLE COLLECTED OVER TWO 30MIN. INTERVALS GOING UPSTREAM IN CENTER OF CHANNELS STARTING 550M. UPSTREAM OF ROAD, 10 GRABS TAKEN IN EACH CHANNEL BECAUSE STREAM JUNCTION WAS OBLITERATED BY ROAD WORK;

014221 SAMPLE TYPE STREAM SEDIMENT: SITE 003; T.D.WOOD; BOX 186; MARFA; TX 79843;
AIR TEMP(C): 23.0; LAT 29.700; LONG 104.519; UNIT CODE TEC; VEGETATION BRUSH; SPARSE; RELIEF GENTLE;
WEATHER: CLM; CLEAR; CONTAMINANTS: NONE; STREAM FLOW(M/SEC): 0.10; WATER WIDTH(M): 3.00; WATER DEPTH(M): 0.60;
WATER LEVEL: DRY; BED MATERIAL: SAND; SAMPLE COLOR: L-GY-BN; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO;
CENTROID: LAT 0.000 LONG 0.000
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<th>Sediment Information</th>
<th>Sample Condition</th>
<th>Sample Treatment</th>
<th>No.</th>
<th>Grabs</th>
<th>Organic Material</th>
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<td>Remarks:</td>
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<td>Site: 0004</td>
<td>Map: NH1308</td>
<td>Sampler: JHS</td>
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<td>Replicate</td>
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<td>Air Temp(C): 23.5</td>
<td>Lat: 29.746</td>
<td>Long: 104.594</td>
<td>Unit Code: 00</td>
<td>Vegetation Brush: Sparse</td>
<td>Relief: Gentle</td>
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<td>Weather:</td>
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<tr>
<td>LT Wind-Clear</td>
<td>Contaminants: None</td>
<td>Stream Flow: 0.68m/sec</td>
<td>Water Level:</td>
<td>Bed Material: Sand</td>
<td>Sample Color: M-Bk-Bn</td>
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<tr>
<td>Centroid:</td>
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<td>I-38 Ruidosa SE Aux. Proofs. Sample collected over a 750m interval going upstream in center of channel starting 100m upstream of road.</td>
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<td>Sample Type: Stream Sediment</td>
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<td>Long: 104.594</td>
<td>Unit Code: 00</td>
<td>Vegetation Brush: Sparse</td>
<td>Relief: Gentle</td>
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<td>LT Wind-Clear</td>
<td>Contaminants: None</td>
<td>Stream Flow: 0.68m/sec</td>
<td>Water Level:</td>
<td>Bed Material: Sand</td>
<td>Sample Color: M-Bk-Bn</td>
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<td>I-38 Ruidosa SE Aux. Proofs. Sample collected over a 750m interval going upstream in center of channel starting 200m upstream of road.</td>
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<td>Relief: Gentle</td>
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<td>LT Wind-Clear</td>
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<td>LT Wind-Clear</td>
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<td>I-38 Ruidosa SE Aux. Proofs. Sample collected over a 750m interval going upstream in center of channel starting 200m upstream of road.</td>
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<td>LT Wind-Clear</td>
<td>Contaminants: None</td>
<td>Stream Flow: 0.68m/sec</td>
<td>Water Level:</td>
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FIELD DATA - PRESIDIO QUAD

1-38 RUIDOSA SE ADJ. PROOF. SAMPLE COLLECTED OVER A 40M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 30M.

UPSTREAM OF ROAD:

014227 SAMPLE TYPE STREAM SEDIMENT  SITE 0000 :MAP NH1030 :SAMPLER JHS :PHASE 6 :REPLICATE  TIME SAMPLE TAKEN 13/26/04/78
AIR TEMP(C)+ 28.0  LAT 29.837  LONG 104.600  UNIT CODE  QD :VEGETATION BRUSH  SPARSE  RELIEF GENTLE  WEATHER LT WIND CLEAR  CONTAMINANTS None  :STREAM FLOW(M/SEC)  WATER LEVEL(M)  BED MATERIAL SAND  :SAMPLE COLOR M-BK-BN  :SAMPLE ODOR NONE  :RESULTS REQUESTED NO  CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION:  SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE  NO. GRABS 20 ;ORGANIC MATERIAL %
REMARKS:  1-38 RUIDOSA SE ADJ. PROOF. SAMPLE COLLECTED OVER A 50M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 40M.

UPSTREAM OF FORK:

014228 SAMPLE TYPE STREAM SEDIMENT  SITE 0001 :MAP NH1030 :SAMPLER JHS :PHASE 2 :REPLICATE  TIME SAMPLE TAKEN 14/26/04/78
AIR TEMP(C)+ 29.6  LAT 29.846  LONG 104.611  UNIT CODE  QD :VEGETATION BRUSH  SPARSE  RELIEF MODERATE  WEATHER LT WIND CLEAR  CONTAMINANTS None  :STREAM FLOW(M/SEC)  WATER LEVEL(M)  BED MATERIAL SAND  :SAMPLE COLOR M-BK-BN  :SAMPLE ODOR NONE  :RESULTS REQUESTED NO  CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION:  SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE  NO. GRABS 20 ;ORGANIC MATERIAL %
REMARKS:  1-38 RUIDOSA SE ADJ. PROOF. SAMPLE COLLECTED OVER A 60M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 35M.

UPSTREAM OF ROAD:

014229 SAMPLE TYPE STREAM SEDIMENT  SITE 0011 :MAP NH1030 :SAMPLER JHS :PHASE 2 :REPLICATE  TIME SAMPLE TAKEN 15/26/04/78
AIR TEMP(C)+ 29.6  LAT 29.855  LONG 104.623  UNIT CODE  QD :VEGETATION BRUSH  SPARSE  RELIEF GENTLE  WEATHER LT WIND CLEAR  CONTAMINANTS None  :STREAM FLOW(M/SEC)  WATER LEVEL(M)  BED MATERIAL SAND  :SAMPLE COLOR M-BK-BN  :SAMPLE ODOR NONE  :RESULTS REQUESTED NO  CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION:  SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE  NO. GRABS 20 ;ORGANIC MATERIAL %
REMARKS:  1-38 RUIDOSA SE ADJ. PROOF. SAMPLE COLLECTED OVER A 40M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 40M.

UPSTREAM OF ROAD:

014230 SAMPLE TYPE STREAM SEDIMENT  SITE 0012 :MAP NH1030 :SAMPLER JHS :PHASE 2 :REPLICATE  TIME SAMPLE TAKEN 16/26/04/78
AIR TEMP(C)+ 30.6  LAT 29.865  LONG 104.623  UNIT CODE  QD :VEGETATION BRUSH  SPARSE  RELIEF GENTLE  WEATHER LT WIND CLEAR  CONTAMINANTS None  :STREAM FLOW(M/SEC)  WATER LEVEL(M)  BED MATERIAL SAND  :SAMPLE COLOR M-BK-BN  :SAMPLE ODOR NONE  :RESULTS REQUESTED NO  CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION:  SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE  NO. GRABS 20 ;ORGANIC MATERIAL %
REMARKS:  1-38 RUIDOSA SE ADJ. PROOF. SAMPLE COLLECTED OVER A 70M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING ADJACENT TO HOUSE APPROX. 150M. UPSTREAM OF ROAD:

014231 SAMPLE TYPE STREAM SEDIMENT  SITE 0013 :MAP NH1030 :SAMPLER JHS :PHASE 2 :REPLICATE  TIME SAMPLE TAKEN 17/26/04/78
AIR TEMP(C)+ 32.0  LAT 29.870  LONG 104.623  UNIT CODE  QD :VEGETATION BRUSH  SPARSE  RELIEF GENTLE  WEATHER LT WIND CLEAR  CONTAMINANTS None  :STREAM FLOW(M/SEC)  WATER LEVEL(M)  BED MATERIAL SAND  :SAMPLE COLOR M-BK-BN  :SAMPLE ODOR NONE  :RESULTS REQUESTED NO  CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION:  SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE  NO. GRABS 22 ;ORGANIC MATERIAL %
REMARKS:  1-38 RUIDOSA SE ADJ. PROOF. SAMPLE COLLECTED OVER A 40M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 60M.
FIELD DATA - PERSILO QUAD

UPSTREAM OF ROAD:

014232 SAMPLE TYPE STREAM SEDIMENT ;SITE 0015 ;MAP NH1308 ;SAMPLER JHS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/27/04/78
AIR TEMP(C)+ 28.0 /LAT 29.884 /LONG 104.643 /UNIT CODE GD /VEGETATION BRUSH /SPARSE /RELIEF GENTLE
HEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 22 ;ORGANIC MATERIAL % REMARKS: 1-NB REDFORD QUAD. SAMPLE COLLECTED OVER A 50M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 250M.
UPSTREAM OF ROAD.

014233 SAMPLE TYPE STREAM SEDIMENT ;SITE 0014 ;MAP NH1308 ;SAMPLER JHS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/27/04/78
AIR TEMP(C)+ 26.5 /LAT 29.881 /LONG 104.634 /UNIT CODE GD /VEGETATION BRUSH /SPARSE /RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 25 ;ORGANIC MATERIAL % REMARKS: 1-NB REDFORD QUAD. SAMPLE COLLECTED OVER A 75M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING NEXT TO BEGINNING OF LEVEL.

014234 SAMPLE TYPE STREAM SEDIMENT ;SITE 0025 ;MAP NH1308 ;SAMPLER JHS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 08/29/04/78
AIR TEMP(C)+ 25.0 /LAT 29.436 /LONG 104.184 /UNIT CODE GD /VEGETATION BRUSH /SPARSE /RELIEF GENTLE
WEATHER CALM -PT CLODY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL % REMARKS: 1-NB REDFORD QUAD. SAMPLE COLLECTED OVER A 50M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 65M. UPSTREAM OF ROAD.

014235 SAMPLE TYPE STREAM SEDIMENT ;SITE 0026 ;MAP NH1308 ;SAMPLER JHS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/29/04/78
AIR TEMP(C)+ 24.5 /LAT 29.439 /LONG 104.176 /UNIT CODE GD /VEGETATION BRUSH /SPARSE /RELIEF GENTLE
WEATHER CALM -PT CLODY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 22 ;ORGANIC MATERIAL % REMARKS: 1-NB REDFORD QUAD. SAMPLE COLLECTED OVER A 60M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 40M. UPSTREAM OF ROAD.

014236 SAMPLE TYPE HELL WATER ;SITE 0027 ;MAP NH1308 ;SAMPLER JHS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/29/04/78
AIR TEMP(C)+ 26.0 /LAT 29.417 /LONG 104.177 /UNIT CODE GD /VEGETATION BRUSH /SPARSE /RELIEF GENTLE
WEATHER CALM -PT CLODY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
GENERAL WATER TREATMENT: TREATMENT NONE
CONDUCTIVITY(MICROMOS/CM) 1860 ;DISSOLVED OXYGEN(PHM) 2.9 ;WATER TEMP(C)+26.9
VISIBILITY(M) CLEAR ;PH 7.3 ;I3-ION PAPER TOTAL ALKALINITY(PHM) 228 ;P ALKALINITY(PHM) 0 ;M ALKALINITY(PHM) 230
APPEARANCE CLEAR ;DISCHARGE(L/MI) 20.00 ;PRODUCING HORIZON GD ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENC_
FIELD DATA - PRESIDIO QUAD

WELL WATER: TYPE DRILLED; PAR CLASS: ELECTRIC; CASTING: STEEL; PIPE COMP: GALVANIZED; METERS FROM HEAD 25

WRT PRESSURE TANK AFTER USE HOUSEHOLD; PUMPING FREQ: FREQUENT; DEPTH TO PROD HORIZON 10; CONFID OF PROD DEPTH HIGH
SOURCE: PROD. INFO: OWNER
WELL DEPTH (M): 10; CONFID OF DEPTH HIGH; SOURCE OF DEPTH: INFO: OWNER

REMARKS:
- SAMPLE TAKEN 1/29/04/78
- WATER LEVEL: DRY
- BED MATERIAL: SAND
- SAMPLE CONDITION: DRY
- SAMPLE TREATMENT: NONE
- NO. GRABS: 25
- ORGANIC MATERIAL: %

SEDIMENT INFORMATION:
- SAMPLE CONDITION: DRY
- SAMPLE TREATMENT: NONE
- NO. GRABS: 25
- ORGANIC MATERIAL: %

REMARKS:
- SAMPLE TAKEN 1/29/04/78
- WATER LEVEL: DRY
- BED MATERIAL: SAND
- SAMPLE CONDITION: DRY
- SAMPLE TREATMENT: NONE
- NO. GRABS: 25
- ORGANIC MATERIAL: %

GENERAL WATER: TREATMENT: NONE
- CONDUCTIVITY (MICROHMOS/CM): 696
- DISSOLVED OXYGEN (PPM): 3.4
- WATER TEMP (C): 24.0
- VISIBILITY (M): CLEAR
- pH: 7.5
- LO-ION PAPER: TOTAL ALKALINITY (PPM): 230
- ORP: ALKALINITY (PPM): 45
- H ALKALINITY (PPM): 229

APPEARANCE CLEAR
- DISCHARGE (L/M): 50.00
- PRODUCING HORIZON:-QD
- CONFIDENCE: HIGH
- SOURCE: GEOLOGICAL REFERENCE

WELL TYPE: DIG
- PAR CLASS: GASoline
- CASING: STEEL
- PIPE COMP: STEEL
- METERS FROM HEAD: 2

WRT PRESSURE TANK: USE "IRIGATION"
- PUMPING FREQ: INFREQUENT
- DEPTH TO PROD HORIZON: 10
- CONFID OF PROD DEPTH: HIGH

SOURCE: PROD. INFO: OWNER
- WELL DEPTH (M): 10
- CONFID: OF DEPTH HIGH
- SOURCE OF DEPTH: INFO: OWNER

REMARKS:
- SAMPLE TAKEN 1/29/04/78
- WATER LEVEL: DRY
- BED MATERIAL: SAND
- SAMPLE CONDITION: DRY
- SAMPLE TREATMENT: NONE
- NO. GRABS: 25
- ORGANIC MATERIAL: %

SEDIMENT INFORMATION:
- SAMPLE CONDITION: DRY
- SAMPLE TREATMENT: NONE
- NO. GRABS: 25
- ORGANIC MATERIAL: %

REMARKS:
- SAMPLE TAKEN 1/29/04/78
- WATER LEVEL: DRY
- BED MATERIAL: SAND
- SAMPLE CONDITION: DRY
- SAMPLE TREATMENT: NONE
- NO. GRABS: 25
- ORGANIC MATERIAL: %
FIELD DATA - PRESIDIO QUAD

014241 SAMPLE TYPE: STREAM SEDIMENT; SITE 0032; MAP NH1308; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 12/29/04/78

AIR TEMP(C): 31.0; LAT 29.363; LONG 104.092; UNIT CODE TE1; VEGETATION BRUSH; SPARSE; RELIEF MODERATE
WEATHER: LT WIND-PT CLDY; CONTAMINANTS: NONE; STREAM FLOW(M/SEC); WAT. WIDTH(M); WAT. DEPTH(M)
WATER LEVEL: DRY; BED MATERIAL: SAND; SAMPLE COLOR: L-BN-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION;
SAMPLE CONDITION: DRY; SAMPLE TREATMENT: NONE; NO. GRABS: 22; ORGANIC MATERIAL: %
REMARKS;
1-38 REDFORD SE QUAD. SAMPLE COLLECTED OVER A 60H. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 4SM. UPSTREAM OF BRIDGE;

014242 SAMPLE TYPE: STREAM SEDIMENT; SITE 0033; MAP NH1308; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 12/29/04/78

AIR TEMP(C): 31.5; LAT 29.323; LONG 104.047; UNIT CODE TE1; VEGETATION BRUSH; SPARSE; RELIEF MODERATE
WEATHER: LT WIND-PT CLDY; CONTAMINANTS: NONE; STREAM FLOW(M/SEC); WAT. WIDTH(M); WAT. DEPTH(M)
WATER LEVEL: DRY; BED MATERIAL: SAND; SAMPLE COLOR: L-BN-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION;
SAMPLE CONDITION: DRY; SAMPLE TREATMENT: NONE; NO. GRABS: 20; ORGANIC MATERIAL: %
REMARKS;
1-38 REDFORD SE QUAD. SAMPLE COLLECTED OVER A 60H. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 100M. UPSTREAM OF ROAD;

014243 SAMPLE TYPE: WELL WATER; SITE 0034; MAP NH1308; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 12/29/04/78

AIR TEMP(C): 32.5; LAT 29.327; LONG 104.032; UNIT CODE TE1; VEGETATION BRUSH; SPARSE; RELIEF MODERATE
WEATHER: LT WIND-PT CLDY; CONTAMINANTS: NONE; STREAM FLOW(M/SEC); WAT. WIDTH(M); WAT. DEPTH(M)
WATER LEVEL: DRY; BED MATERIAL: NONE; SAMPLE COLOR: M-BN-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION;
SAMPLE CONDITION: DRY; SAMPLE TREATMENT: NONE; NO. GRABS: 22; ORGANIC MATERIAL: %
REMARKS;
1-38 REDFORD SE QUAD. Sample collected in pocket 15 in bedrock starting 40H. Inside closed canyon;

014244 SAMPLE TYPE: WELL WATER; SITE 0035; MAP NH1308; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 12/29/04/78

AIR TEMP(C): 32.0; LAT 29.452; LONG 104.191; UNIT CODE TE1; VEGETATION BRUSH; SPARSE; RELIEF MODERATE
WEATHER: LT WIND-PT CLDY; CONTAMINANTS: NONE; STREAM FLOW(M/SEC); WAT. WIDTH(M); WAT. DEPTH(M)
WATER LEVEL: DRY; BED MATERIAL: SAMPLE COLOR: L-YL; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT 0.000; LONG 0.000

GENERAL WATER; TREATMENT: NONE;
CONDUCTIVITY(MICROMHOS/CM): 516; DISSOLVED OXYGEN(PPM): 5.8; WATER TEMP(C): 28.7
VISIBILITY(M): CLEAR; PH 7.1; LO-ION PAPER; TOTAL ALKALINITY(PPM): 150; P ALKALINITY(PPM): 45; ORGANIC ALKALINITY(PPM): 108
APPEARANCE CLEAR; DISCHARGE(L/M): 60.00; PROD. HORIZON: DEPTH; CONFIDENCE: HIGH; SOURCE: GEOL. INFERENCE
WELL WATER; TYPE: DRILLED; WATER PRESSURE TANK: 10; USE: HOUSEHOLD; INFLOW: FREQUENT; DEPTH TO PROD. HORIZON: 20; CONFID. OF PROD. DEPTH: HIGH; SOURCE OF PROD. INFO: OWNER
REMARKS;
1-38 REDFORD QUAD. SAMPLE COLLECTED AT WELL NORTH OF HOUSE OF FRANK ALVAREZ;

014245 SAMPLE TYPE: WELL WATER; SITE 0036; MAP NH1308; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 12/29/04/78

AIR TEMP(C): 33.0; LAT 29.427; LONG 104.151; UNIT CODE TE1; VEGETATION BRUSH; SPARSE; RELIEF MODERATE
WEATHER: LT WIND-PT CLDY; CONTAMINANTS: OTHER; STREAM FLOW(M/SEC); WAT. WIDTH(M); WAT. DEPTH(M)
WATER LEVEL: DRY; BED MATERIAL: SAMPLE COLOR: L-YL; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT 0.000; LONG 0.000

GENERAL WATER; TREATMENT: NONE;
CONDUCTIVITY(MICROMHOS/CM): 455; DISSOLVED OXYGEN(PPM): 2.3; WATER TEMP(C): 29.2
VISIBILITY(M): 0.29; PH 7.1; LO-ION PAPER; TOTAL ALKALINITY(PPM): 130; P ALKALINITY(PPM): 45; ORGANIC ALKALINITY(PPM): 134
FIELD DATA - PRESIDIO QUAD

APPEARANCE HURKY; DISCHARGE (L/H): 6.00; PRODUCING HORIZON: OD; CONFIDENCE HIGH; SOURCE: GEOL. INFERENCE

WELL WATER: TYPE DRILLED; WTR CLASS. HIND: CASING STEEL; PIPE COMP. STEEL; METERS FROM HEAD: 2
ART PRESSURE TANK: NONE; USE: STOCK; PUMPING FREQ: INFREQUENT; DEPTH TO PROD HORIZON: 200; CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO: OWNER

REMARKS:
1-38 RF-REFORD QUAD; SAMPL. COLLECTED AT WINDMILL FACET NORTH OF SHACK; 1-60 PUMP JACk OVER WELL HEAD.

0.14246 SAMPLE TYPE: STREAM SEDIMENT; SITE: 0016; MAP NH1308; SAMPLER JHS; PHASE 2; REPLICATE; TIME: SAMPLE TAKEN: 02/07/78
AIR TEMP (°C): 25.0; LAT 29.815; LONG 104.495; UNIT CODE: GD; VEGETATION: BRUSH / SPARSE; RELIEF: MODERATE
WEATHER: LT HIND: CLEAR; CONTAMINANTS: NONE; STREAM FLOW (M/SEC): 1.00; WATER DEPTH (M): 0.50
WATER LEVEL: DRY; BED MATERIAL: SAND; SAMPLE COLOR: M-BK-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT: 0.000 ACT: 0.000

SEDIMENT INFORMATION:
SAMPLE CONDITION: DRY; SAMPLE TREATMENT: NONE; NO GRAVES: 20; ORGANIC MATERIAL: %
REMARKS:
1-38 CHINATI PEAK SH: ADU. PROOF. SAMPL. COLLECTED OVER A 60 M INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 10 M UPSTREAM OF MAIN RANCH ROAD. STREAM RELATION TO ROADS IS INCORRECTLY INDICATED ON MAP; 1-78 CLETIS DAVIS %

2400 THE SHELL PLAZA # HOUSTON, TX: 77002;

0.14247 SAMPLE TYPE: SPRING WATER; SITE: 0017; MAP NH1308; SAMPLER JHS; PHASE 2; REPLICATE; TIME: SAMPLE TAKEN: 02/07/78
AIR TEMP (°C): 26.0; LAT 29.815; LONG 104.496; UNIT CODE: GD; VEGETATION: BRUSH / SPARSE; RELIEF: MODERATE
WEATHER: LT HIND: CLEAR; CONTAMINANTS: NONE; STREAM FLOW (M/SEC): 1.00; WATER DEPTH (M): 0.50
WATER LEVEL: DRY; BED MATERIAL: SAMPLE COLOR: M-BK-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT: 0.000 ACT: 0.000

GENERAL WATER: TREATMENT: NONE; CONDUCTIVITY (MICROMOS / CM): 588; DISSOLVED OXYGEN (PPM): 6.0; WATER TEMP (°C): 23.6
VISIBILITY (M): CLEAR; PH: 7.0; LO-ION PAPER: TOTAL ALKALINITY (PPM): 190; ALKALINITY (PPM): 195
APPEARANCE CLEAR: DISCHARGE (L/H): 4.00; PRODUCING HORIZON: OD; CONFIDENCE: HIGH; SOURCE: GEOL. INFERENCE
REMARKS:
1-38 CHINATI PEAK SH: ADU. PROOF. SAMPL. COLLECTED AT BLACK PLASTIC HOSE AT CONCRETE STOCK TANK, H. OF CORRAL HOUSING SPRING: 1-78 MR. CLETIS DAVIS % 2400 THE SHELL PLAZA # HOUSTON, TX: 77002;

0.14248 SAMPLE TYPE: WELL WATER; SITE: 0017; MAP NH1308; SAMPLER JHS; PHASE 2; REPLICATE; TIME: SAMPLE TAKEN: 02/07/78
AIR TEMP (°C): 27.0; LAT 29.828; LONG 104.517; UNIT CODE: GD; VEGETATION: BRUSH / SPARSE; RELIEF: MODERATE
WEATHER: LT HIND: CLEAR; CONTAMINANTS: NONE; STREAM FLOW (M/SEC): 1.00; WATER DEPTH (M): 0.50
WATER LEVEL: DRY; BED MATERIAL: SAMPLE COLOR: M-BK-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT: 0.000 ACT: 0.000

GENERAL WATER: TREATMENT: NONE; CONDUCTIVITY (MICROMOS/CM): 387; DISSOLVED OXYGEN (PPM): 8.0; WATER TEMP (°C): 23.7
VISIBILITY (M): CLEAR; PH: 7.9; LO-ION PAPER: TOTAL ALKALINITY (PPM): 169; ALKALINITY (PPM): 162
APPEARANCE CLEAR: DISCHARGE (L/H): 3.00; PRODUCING HORIZON: OD; CONFIDENCE: HIGH; SOURCE: GEOL. INFERENCE
WELL WATER: TYPE: DUG; WTR CLASS. HIND: CASING OTHER; PIPE COMP. GALVANIZED; METERS FROM HEAD: 3
ART PRESSURE TANK: NONE; USE: STOCK; PUMPING FREQ: FREQUENT; DEPTH TO PROD HORIZON: 10; CONFID. OF PROD DEPTH: HIGH
SOURCE OF PROD. INFO: OTHER

REMARKS:
1-38 RF-REFORD QUAD; SAMPL. COLLECTED AT PIPE OVER STOCK TANK SOUTH OF WINDMILL; 3-20 CONCRETE: 3-33 H3-39
VISIBLE: 1-78 MR. CLETIS DAVIS % 2400 THE SHELL PLAZA # HOUSTON, TX: 77002;

0.14249 SAMPLE TYPE: STREAM SEDIMENT; SITE: 0019; MAP NH1308; SAMPLER JHS; PHASE 2; REPLICATE; TIME: SAMPLE TAKEN: 02/07/78
AIR TEMP (°C): 28.0; LAT 29.848; LONG 104.517; UNIT CODE: TECT; VEGETATION: BRUSH / SPARSE; RELIEF: MODERATE
WEATHER: LT HIND: CLEAR; CONTAMINANTS: NONE; STREAM FLOW (M/SEC): 1.00; WATER DEPTH (M): 0.50
WATER LEVEL: DRY; BED MATERIAL: SAND; SAMPLE COLOR: M-BK-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT: 0.000 ACT: 0.000
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<th>FIELD DATA - PRESIDIO QUAD</th>
<th>PAGE</th>
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**SEDIMENT INFORMATION:**
- **SAMPLE CONDITION:** Dry
- **SAMPLE TREATMENT:** None
- **NO. GRABS:** 20
- **ORGANIC MATERIAL:**
- **REMARKS:**

1-38 RUIDOSA ADJ PROOF SAMPLE COLLECTED OVER A 100 M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 10 M. UPSTREAM OF 1ST ROAD; 1-78 CLETIS DAVIDS & 2400 TW SHELL PLAZA HOUSTON, TX, 77002.

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<th>SITE: 0020</th>
<th>MAP NH: 1308</th>
<th>SAMPLER JHS</th>
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<th>REPLICATE</th>
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<td>BED MATERIAL:</td>
<td>SAMPLE COLOR:</td>
<td>ME</td>
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**GENERAL WATER:**
- **TREATMENT:** None
- **CONDUCTIVITY(MICROMHOS/CM):** 543
- **DISSOLVED OXYGEN(PPM):** 1.3
- **WATER TEMP(C):** 28.9
- **VISIBILITY(M):** CLEAR
- **PH:** 8.6
- **TOTAL ALKALINITY(PPM):** 110
- **P ALKALINITY(PPM):** 52
- **MA# NH: 1308 | SAMPLER JHS | PHASE 2 | REPLICATE | TIME SAMPLE TAKEN: 12/02/05/78 |
| WATER LEVEL: | BED MATERIAL: | SAMPLE COLOR: | CL | TREATMENT: NONE |
| WATER LEVEL: | HORIZON: | CONTAMINANTS: | NONE | STREAM FLOW(M/SEC): | H2O HIDDEN |
| WATER LEVEL: | WTR DEPTH(M): | WATER WIDTH(M): | WTR TEMP(C): |
| CENTER: | LAT: 0.000 | LONG: 0.000 | CENTER: |

**SEDIMENT INFORMATION:**
- **SAMPLE CONDITION:** Dry
- **SAMPLE TREATMENT:** None
- **NO. GRABS:** 15
- **ORGANIC MATERIAL:**
- **REMARKS:**

1-38 SIERRA PARDA QUAD. SAMPLE COLLECTED AT PIPE OVER STOCK TANK COMING FROM NORTHERN TO TWO HILLS. 1-78 HR. CLETIS DAVIDS & 2400 TW SHELL PLAZA HOUSTON, TX, 77002.

<table>
<thead>
<tr>
<th>049252</th>
<th>SAMPLE TYPE: WELL WATER</th>
<th>SITE: 0020</th>
<th>MAP NH: 1308</th>
<th>SAMPLER JHS</th>
<th>PHASE 2</th>
<th>REPLICATE</th>
<th>TIME SAMPLE TAKEN: 12/02/05/78</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR TEMP(C): 28.0</td>
<td>LAT: 29.876</td>
<td>LONG: 104.857</td>
<td>UNIT CODE: DD</td>
<td>VEGETATION BRUSH: SPARSE</td>
<td>RELIEF MODERATE</td>
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<tr>
<td>WATER LEVEL:</td>
<td>BED MATERIAL:</td>
<td>SAMPLE COLOR:</td>
<td>CL</td>
<td>TREATMENT: NONE</td>
<td></td>
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<tr>
<td>WATER LEVEL:</td>
<td>HORIZON:</td>
<td>CONTAMINANTS:</td>
<td>NONE</td>
<td>STREAM FLOW(M/SEC):</td>
<td>H2O HIDDEN</td>
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<tr>
<td>WATER LEVEL:</td>
<td>WTR DEPTH(M):</td>
<td>WATER WIDTH(M):</td>
<td>WTR TEMP(C):</td>
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<td>CENTER:</td>
<td>LAT: 0.000</td>
<td>LONG: 0.000</td>
<td>CENTER:</td>
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</tbody>
</table>

**GENERAL WATER:**
- **TREATMENT:** None
- **CONDUCTIVITY(MICROMHOS/CM):** 1070
- **DISSOLVED OXYGEN(PPM):** 3.0
- **WATER TEMP(C):** 28.9
- **VISIBILITY(M):** CLEAR
- **PH:** 7.8
- **TOTAL ALKALINITY(PPM):** 229
- **P ALKALINITY(PPM):** 65
- **MA# NH: 1308 | SAMPLER JHS | PHASE 2 | REPLICATE | TIME SAMPLE TAKEN: 12/02/05/78 |
| WATER LEVEL: | BED MATERIAL: | SAMPLE COLOR: | CL | TREATMENT: NONE |
| WATER LEVEL: | HORIZON: | CONTAMINANTS: | NONE | STREAM FLOW(M/SEC): | H2O HIDDEN |
| WATER LEVEL: | WTR DEPTH(M): | WATER WIDTH(M): | WTR TEMP(C): |
| CENTER: | LAT: 0.000 | LONG: 0.000 | CENTER: |

**SEDIMENT INFORMATION:**
- **SAMPLE CONDITION:** Dry
- **SAMPLE TREATMENT:** None
- **NO. GRABS:** 22
- **ORGANIC MATERIAL:**
- **REMARKS:**

1-38 SIERRA PARDA QUAD. SAMPLE COLLECTED OVER A 60 M. INTERVAL GOING DOWNSTREAM IN CENTER OF CHANNEL STARTING 100 M. DOWNSTREAM OF FORK; 1-78 CLETIS DAVIDS & 2400 TW SHELL PLAZA HOUSTON, TX, 77002.

<table>
<thead>
<tr>
<th>049253</th>
<th>SAMPLE TYPE: WELL WATER</th>
<th>SITE: 0020</th>
<th>MAP NH: 1308</th>
<th>SAMPLER JHS</th>
<th>PHASE 2</th>
<th>REPLICATE</th>
<th>TIME SAMPLE TAKEN: 12/02/05/78</th>
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<tbody>
<tr>
<td>AIR TEMP(C): 30.0</td>
<td>LAT: 29.902</td>
<td>LONG: 104.564</td>
<td>UNIT CODE: DD</td>
<td>VEGETATION BRUSH: SPARSE</td>
<td>RELIEF MODERATE</td>
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<td>WATER LEVEL:</td>
<td>BED MATERIAL:</td>
<td>SAMPLE COLOR:</td>
<td>CL</td>
<td>TREATMENT: NONE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WATER LEVEL:</td>
<td>HORIZON:</td>
<td>CONTAMINANTS:</td>
<td>NONE</td>
<td>STREAM FLOW(M/SEC):</td>
<td>H2O HIDDEN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WATER LEVEL:</td>
<td>WTR DEPTH(M):</td>
<td>WATER WIDTH(M):</td>
<td>WTR TEMP(C):</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>CENTER:</td>
<td>LAT: 0.000</td>
<td>LONG: 0.000</td>
<td>CENTER:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GENERAL WATER:**
- **TREATMENT:** None
- **CONDUCTIVITY(MICROMHOS/CM):** 2068
- **DISSOLVED OXYGEN(PPM):** 16.5
- **WATER TEMP(C):** 28.9
<table>
<thead>
<tr>
<th>Field Data - Presidio Quad</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Visibility(M) Clear</strong> ; <strong>pH 8.0</strong> ; <strong>lo-Ion Paper</strong> ; <strong>Total Alkalinity(PPM) 274</strong> ; <strong>P Alkalinity(PPM) 266</strong></td>
</tr>
<tr>
<td><strong>Appearance Clear</strong> ; <strong>Discharge(L/M) 10.00</strong> ; <strong>Producing Horizon 200</strong> ; <strong>Confidence High</strong> ; <strong>Source Geol. Inference</strong></td>
</tr>
<tr>
<td><strong>Well Water</strong> ; <strong>Type Drilled</strong> ; <strong>Sub Class. Wind</strong> ; <strong>Casing Steel</strong> ; <strong>Pipe Comp. Galvanized</strong> ; <strong>Meters from Head</strong> 5</td>
</tr>
<tr>
<td><strong>Water Pressure Tank</strong> ; <strong>Use Stock</strong> ; <strong>Pumping Freq. Frequent</strong> ; <strong>Depth to Prod Horizon</strong> 20 ; <strong>Confid. of Prod Depth Possible</strong> ; <strong>Source of Prod Info</strong> ; <strong>Geol. Inference</strong> 20 ; <strong>Confid. of Depth Possible</strong> ; <strong>Source of Depth Info</strong> ; <strong>Geol. Inference</strong></td>
</tr>
<tr>
<td><strong>Remarks</strong></td>
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</tbody>
</table>

014254 - **Sample Type Well Water** ; **Site 0024** ; **Map NH1306** ; **Sampler JHS** ; **Phase 2** ; **Replicate** ; **Time Sample Taken 15/02/05/76**

| **Air Temp(C)** 33.0 ; **Lat 29.985** ; **Long 104.474** ; **Unit Code 00** ; **Vegetation Brush** 1.0 ; **Sand** 1.0 ; **Clay** 1.0 ; **Partly Cloudy** ; **Contaminants None** ; **Stream Flow(M/Sec)** 0.0 ; **Water Width(M)** 0.0 ; **Water Depth(M)** 0.0 ; **Remarks** 0.0 |
| **Well Level** ; **Bed Material** ; **Sample Color** ; **Cl** ; **Sample Odor None** ; **Results Requested Yes** |
| **Centroid** ; **Lat 0.000** ; **Long 0.000** |

014255 - **Sample Type Well Water** ; **Site 0025** ; **Map NH1308** ; **Sampler JHS** ; **Phase 2** ; **Replicate** ; **Time Sample Taken 10/08/05/76**

| **Air Temp(C)** 25.0 ; **Lat 29.985** ; **Long 104.563** ; **Unit Code 00** ; **Vegetation Brush** 1.0 ; **Sand** 1.0 ; **Clay** 1.0 ; **Partly Cloudy** ; **Contaminants None** ; **Stream Flow(M/Sec)** 0.0 ; **Water Width(M)** 0.0 ; **Water Depth(M)** 0.0 ; **Remarks** 0.0 |
| **Well Level** ; **Bed Material** ; **Sample Color** ; **Cl** ; **Sample Odor None** ; **Results Requested No** |
| **Centroid** ; **Lat 0.000** ; **Long 0.000** |

014256 - **Sample Type Well Water** ; **Site 0026** ; **Map NH1308** ; **Sampler JHS** ; **Phase 2** ; **Replicate** ; **Time Sample Taken 12/08/05/78**

| **Air Temp(C)** 27.5 ; **Lat 29.991** ; **Long 104.597** ; **Unit Code 00** ; **Vegetation Brush** 1.0 ; **Sand** 1.0 ; **Clay** 1.0 ; **Partly Cloudy** ; **Contaminants None** ; **Stream Flow(M/Sec)** 0.0 ; **Water Width(M)** 0.0 ; **Water Depth(M)** 0.0 ; **Remarks** 0.0 |
| **Well Level** ; **Bed Material None** ; **Sample Color** M-GY-BN ; **Sample Odor None** ; **Results Requested No** |
| **Centroid** ; **Lat 0.000** ; **Long 0.000** |

014257 - **Sample Type Well Water** ; **Site 0027** ; **Map NH1306** ; **Sampler JHS** ; **Phase 2** ; **Replicate** ; **Time Sample Taken 14/08/05/78**

| **Air Temp(C)** 31.0 ; **Lat 29.973** ; **Long 104.515** ; **Unit Code 00** ; **Vegetation Brush** 1.0 ; **Sand** 1.0 ; **Clay** 1.0 ; **Partly Cloudy** ; **Contaminants None** ; **Stream Flow(M/Sec)** 0.0 ; **Water Width(M)** 0.0 ; **Water Depth(M)** 0.0 ; **Remarks** 0.0 |

**Sediment Information** ; **Sample Condition Dry** ; **Sample Treatment None** ; **No. Grabs 20** ; **Organic Material None** ; **Waterfall**

**Remarks**

### FIELD DATA - PRESIDIO QUAD

<table>
<thead>
<tr>
<th>WATER LEVEL</th>
<th>BED MATERIAL</th>
<th>SAMPLE COLOR</th>
<th>ODOR</th>
<th>RESULTS REQUESTED</th>
</tr>
</thead>
</table>

**Central Point:**
- LAT: 0.000
- LONG: 0.000

**General Data:**
- Conductivity (μS/cm): 69.4
- Dissolved Oxygen (PPM): 4.5
- Water Temp (°C): 25.2
- Visibility (M): 2.6
- Total Alkalinity (PPM): 3.1
- pH: 7.6
- Ore Stock

**Remarks:**
- Photograph
- Stock Tank
- Stock Tank Next to Well

**Sampling Sites:**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Sample Type</th>
<th>Phase</th>
<th>Replicate</th>
<th>Time Sample Taken</th>
<th>Water Temp (°C)</th>
<th>Lat/Lon</th>
<th>Unit Code</th>
<th>Treatment</th>
<th>Relief</th>
<th>Contaminants</th>
<th>Stream Flow (M/Sec)</th>
<th>Water Level</th>
<th>Bed Material</th>
<th>Color</th>
<th>Odor</th>
<th>Results Requested</th>
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<tbody>
<tr>
<td>01/4259</td>
<td>0028</td>
<td>Stream Sediment</td>
<td>Phase 2</td>
<td>Replicate</td>
<td>15/08/05/78</td>
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<td>Phase 2</td>
<td>Replicate</td>
<td>14/10/05/78</td>
<td>34.0</td>
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<td>01/4261</td>
<td>0030</td>
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<td>Phase 2</td>
<td>Replicate</td>
<td>14/10/05/78</td>
<td>34.0</td>
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<td>104.174</td>
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<td>None</td>
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<td>Brown</td>
<td>None</td>
<td>Yes</td>
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<tr>
<td>01/4262</td>
<td>0031</td>
<td>Stream Sediment</td>
<td>Phase 2</td>
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<td>17/10/08/78</td>
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<td>Brown</td>
<td>None</td>
<td>Yes</td>
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</table>

**Remarks:**
- 0.00 Long 0.000
- Water Width (M): 6.00
- Water Depth (M): 0.20
- Sample taken 14/10/05/78
- Sample taken 17/10/08/78
- No samples taken 15/08/05/78

**Additional Information:**
- Temperature (°C): 34.0
- Vegetation: Brush
- Weather: Clear
- Stream Flow: 0.10
- Water Level: Dry
- Bed Material: Sand
- Color: M-RD-BN
- Odor: None
- Results Requested: No

**Key Points:**
- Stream density information
- Sampling locations
- Weather conditions
- Vegetation type
- Water depth and width

---

**Note:**
- All data is subject to verification and may require additional context for accurate interpretation.
<table>
<thead>
<tr>
<th>Field Data - Presidio Quadrangle</th>
<th>Page 18</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>014263</em> Sample Type Stream Sediment</td>
<td>Site 0032; HAP NH1308; Sampler JHS; Phase 2; Replicate; Time Sample Taken 12/11/05/78</td>
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<tr>
<td>Air Temp(C)</td>
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<tr>
<td>Sediment Information:</td>
<td>Sample Condition</td>
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<tr>
<td>Remarks:</td>
<td>1-38 Photo</td>
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<tr>
<td><em>014264</em> Sample Type Stream Sediment</td>
<td>Site 0033; HAP NH1308; Sampler JHS; Phase G; Replicate; Time Sample Taken 13/17/05/78</td>
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<td>Air Temp(C)</td>
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<tr>
<td>Sediment Information:</td>
<td>Sample Condition</td>
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<td>Remarks:</td>
<td>1-38 Photo</td>
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<td><em>014265</em> Sample Type Well Water</td>
<td>Site 0034; HAP NH1308; Sampler JHS; Phase 2; Replicate; Time Sample Taken 14/1/05/78</td>
</tr>
<tr>
<td>Air Temp(C)</td>
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<td>General Water:</td>
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<td>1-38 Presidio</td>
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<td><em>014266</em> Sample Type Well Water</td>
<td>Site 0035; HAP NH1308; Sampler JHS; Phase 2; Replicate; Time Sample Taken 15/1/05/78</td>
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<td>Air Temp(C)</td>
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<td>General Water:</td>
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<td>Remarks:</td>
<td>1-38 Presidio</td>
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<td><em>014267</em> Sample Type Stream Sediment</td>
<td>Site 0036; HAP NH1308; Sampler JHS; Phase 2; Replicate; Time Sample Taken 15/11/05/78</td>
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</table>

**Notes:**
- **SITE:** Location of the data collection site.
- **HAP NH1308:** Identification code.
- **Sampler JHS:** Name of the sampler.
- **Phase:** Stage of the project or analysis.
- **Replicate:** Number of repetitions.
- **Time Sample Taken:** Date and time when the sample was collected.
- **Air Temp:** Temperature of the air.
- **Lat, Long:** Latitude and longitude coordinates.
- **Vegetation:** Type of vegetation present.
- **Weather:** Weather conditions at the time of sampling.
- **Contaminants:** Presence of contaminants in the sample.
- **Stream Flow:** Flow rate of the stream.
- **Water Depth:** Depth of the water.
- **Bed Material:** Type of bed material.
- **Sample Color:** Color of the sample.
- **Sample Odor:** Odor of the sample.
- **Remarks:** Additional information about the sample collection.
- **Geol. Inference:** Geologic inference based on the data.
- **Organic Material:** Presence of organic material in the sample.
<table>
<thead>
<tr>
<th>FIELD DATA - PRESIDIO QUAD</th>
<th>PAGE 19</th>
</tr>
</thead>
</table>
| AIR TEMP(C) | 29.6 | LAT 29.751 | LONG 104.153 | UNIT CODE TERT | VEGETATION BRUSH | SPARSE | RELIEF MODERATE | WATER LEVEL | BED MATERIAL SAND | SAMPLE COLOR | BROWN | SAMPLE ODOR NONE | RESULTS REQUESTED NO | SEDIMENT INFORMATION | SAMPLE CONDITION | SAMPLE TREATMENT NONE | NO GRABS | ORGANIC MATERIAL | *
| WEATHER | LT HIND-CLEAR | CONTAMINANTS NONE | STREAM FLOW(M/SEC) | WATER WIDTH(M) | WATER DEPTH(M) | CENTROID | LAT 0.000 | LONG 0.000 |
| WATER LEVEL | BED MATERIAL SAND | SAMPLE COLOR | RED-BY | SAMPLE ODOR NONE | RESULTS REQUESTED NO |
| WATER LEVEL | BED MATERIAL SAND | SAMPLE COLOR | RED-BY | SAMPLE ODOR NONE | RESULTS REQUESTED NO |
| WATER LEVEL | BED MATERIAL SAND | SAMPLE COLOR | RED-BY | SAMPLE ODOR NONE | RESULTS REQUESTED NO |

1-38 PRESIDIO 1 DEGREE X 2 DEGREE QUAD. SAMPLE COLLECTED OVER A 50M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 40M. UPSTREAM OF FORK:

| 014268 SAMPLE TYPE WELH WATER | SITE 0007 | MAP N1306 | SAMPLER JHS | PHASE 2 | REPLICATE | TIME SAMPLER TAKEN 14/12/05/78 | AIR TEMP(C) | 32.5 | LAT 29.686 | LONG 104.128 | UNIT CODE TERT | VEGETATION BRUSH | SPARSE | RELIEF MODERATE | WATER LEVEL | BED MATERIAL SAND | SAMPLE COLOR | RED-BY | SAMPLE ODOR NONE | BOYS REQUESTED NO |
| GENERAL WATER TREATMENT NONE | CONDUCTIVITY(MICROMHO/CM) | 392 | DISSOLVED OXYGEN(PPM) | 9.5 | WATER TEMP(C) | +30.0 | VISIBILITY(M) | CLEAR | PH | 7.5 | 1-0-10 PAPER | TOTAL ALKALINITY(PPM) | 165 | P ALKALINITY(PPM) | 20 | M ALKALINITY(PPM) | 170 | APPEARANCE CLEAR | DISCHARGE(L/M) | PRODUCING HORIZON | CONFIDENCE PROBABLE | SOURCE GEO. INFERENCE |
| WATER | TYPE DRILLED | WHT CLASS | GASOLINE | CASING STEEL | PIPE COMP. GALVANIZED | METERS FROM HEAD | 35 | WHT PRESSURE TANK AFTER | USE HOUSEHOLD | PUMPING FREQ FREQUENT | DEPTH TO PROD HORIZON | 30 | CONFID. OF PROD DEPTH POSSIBLE | SOURCE OF PROD INFO GEO. INFERENCE | WELL DEPTH(M) | 30 | CONFID. OF DEPTH POSSIBLE | SOURCE OF DEPTH INFO GEO. INFERENCE |
| GENERAL WATER TREATMENT NONE | CONDUCTIVITY(MICROMUS/CM) | 392 | DISSOLVED OXYGEN(PPM) | 9.5 | WATER TEMP(C) | +30.0 | VISIBILITY(M) | CLEAR | PH | 7.5 | 1-0-10 PAPER | TOTAL ALKALINITY(PPM) | 165 | P ALKALINITY(PPM) | 20 | M ALKALINITY(PPM) | 170 | APPEARANCE CLEAR | DISCHARGE(L/M) | PRODUCING HORIZON | CONFIDENCE PROBABLE | SOURCE GEO. INFERENCE |
| WATER | TYPE DRILLED | WHT CLASS | GASOLINE | CASING STEEL | PIPE COMP. GALVANIZED | METERS FROM HEAD | 35 | WHT PRESSURE TANK AFTER | USE HOUSEHOLD | PUMPING FREQ FREQUENT | DEPTH TO PROD HORIZON | 30 | CONFID. OF PROD DEPTH POSSIBLE | SOURCE OF PROD INFO GEO. INFERENCE | WELL DEPTH(M) | 30 | CONFID. OF DEPTH POSSIBLE | SOURCE OF DEPTH INFO GEO. INFERENCE |

1-38 LA BOQUILLA QUAD SAMPLE COLLECTED AT FAUCET ON SOUTH SIDE OF SMALL RED BRICK HOUSE:

| 014269 SAMPLE TYPE WELL WATER | SITE 0008 | MAP N1308 | SAMPLER JHS | PHASE 2 | REPLICATE | TIME SAMPLER TAKEN 14/12/05/78 | AIR TEMP(C) | 34.0 | LAT 29.734 | LONG 104.128 | UNIT CODE TERT | VEGETATION BRUSH | SPARSE | RELIEF MODERATE | WATER LEVEL | BED MATERIAL SAND | SAMPLE COLOR | RED-BY | SAMPLE ODOR NONE | RESULTS REQUESTED NO |
| GENERAL WATER TREATMENT NONE | CONDUCTIVITY(MICROMUS/CM) | 600 | DISSOLVED OXYGEN(PPM) | 3.3 | WATER TEMP(C) | +28.6 | VISIBILITY(M) | CLEAR | PH | 7.7 | 1-0-10 PAPER | TOTAL ALKALINITY(PPM) | 165 | P ALKALINITY(PPM) | 20 | M ALKALINITY(PPM) | 170 | APPEARANCE CLEAR | DISCHARGE(L/M) | PRODUCING HORIZON | CONFIDENCE PROBABLE | SOURCE GEO. INFERENCE |
| WATER | TYPE DRILLED | WHT CLASS | GASOLINE | CASING STEEL | PIPE COMP. GALVANIZED | METERS FROM HEAD | 35 | WHT PRESSURE TANK AFTER | USE HOUSEHOLD | PUMPING FREQ FREQUENT | DEPTH TO PROD HORIZON | 30 | CONFID. OF PROD DEPTH POSSIBLE | SOURCE OF PROD INFO GEO. INFERENCE | WELL DEPTH(M) | 30 | CONFID. OF DEPTH POSSIBLE | SOURCE OF DEPTH INFO GEO. INFERENCE |
| GENERAL WATER TREATMENT NONE | CONDUCTIVITY(MICROMUS/CM) | 600 | DISSOLVED OXYGEN(PPM) | 3.3 | WATER TEMP(C) | +28.6 | VISIBILITY(M) | CLEAR | PH | 7.7 | 1-0-10 PAPER | TOTAL ALKALINITY(PPM) | 165 | P ALKALINITY(PPM) | 20 | M ALKALINITY(PPM) | 170 | APPEARANCE CLEAR | DISCHARGE(L/M) | PRODUCING HORIZON | CONFIDENCE PROBABLE | SOURCE GEO. INFERENCE |
| WATER | TYPE DRILLED | WHT CLASS | GASOLINE | CASING STEEL | PIPE COMP. GALVANIZED | METERS FROM HEAD | 35 | WHT PRESSURE TANK AFTER | USE HOUSEHOLD | PUMPING FREQ FREQUENT | DEPTH TO PROD HORIZON | 30 | CONFID. OF PROD DEPTH POSSIBLE | SOURCE OF PROD INFO GEO. INFERENCE | WELL DEPTH(M) | 30 | CONFID. OF DEPTH POSSIBLE | SOURCE OF DEPTH INFO GEO. INFERENCE |

1-38 LA BOQUILLA QUAD SAMPLE COLLECTED AT FAUCET UNDER WINDMILL RUNNING TO STOCK TANK:

| 014270 SAMPLE TYPE WELL WATER | SITE 0009 | MAP N1309 | SAMPLER JHS | PHASE 2 | REPLICATE | TIME SAMPLER TAKEN 14/12/05/78 | AIR TEMP(C) | 30.0 | LAT 29.742 | LONG 104.011 | UNIT CODE TERT | VEGETATION BRUSH | SPARSE | RELIEF GENTLE | WATER LEVEL | BED MATERIAL SAND | SAMPLE COLOR | RED-BY | SAMPLE ODOR NONE | RESULTS REQUESTED NO |
| GENERAL WATER TREATMENT NONE | CONDUCTIVITY(MICROMUS/CM) | 565 | DISSOLVED OXYGEN(PPM) | 4.7 | WATER TEMP(C) | +23.2 | VISIBILITY(M) | CLEAR | PH | 9.0 | 1-0-10 PAPER | TOTAL ALKALINITY(PPM) | 179 | P ALKALINITY(PPM) | 14 | M ALKALINITY(PPM) | 177 | APPEARANCE CLEAR | DISCHARGE(L/M) | PRODUCING HORIZON | CONFIDENCE PROBABLE | SOURCE GEO. INFERENCE |
| WATER | TYPE DRILLED | WHT CLASS | GASOLINE | CASING STEEL | PIPE COMP. GALVANIZED | METERS FROM HEAD | 35 | WHT PRESSURE TANK AFTER | USE HOUSEHOLD | PUMPING FREQ FREQUENT | DEPTH TO PROD HORIZON | 30 | CONFID. OF PROD DEPTH POSSIBLE | SOURCE OF PROD INFO GEO. INFERENCE | WELL DEPTH(M) | 30 | CONFID. OF DEPTH POSSIBLE | SOURCE OF DEPTH INFO GEO. INFERENCE |

1-38 PRESIDIO 1 DEGREE X 2 DEGREE QUAD. SAMPLE COLLECTED AT BLACK PLASTIC HOSE OVER CEMENT CATTLE TANK:
FIELD DATA - PRESIDIO QUAD

014271  SAMPLE TYPE: WELLS WATER  SITE 0040  HAP NH 30B  Samplin JHS  PHASE 2 replicate  TIME SAMPLE TAKEN 12/13/05/78
AIR TEMP(C) 27.5  LAT 29.560  LONG 104.017  UNI CODE TEL 1 VEGETATION COVE BRUSH  SPARSE RELIEF M rad E
WATER LEVEL 10.000  LAND 0.000  WATER DEPTH(M) 10.000
WATER PRESSURE TANK NONE  USE STOCK  PUMPING FREQUENCY  DEPTH TO PROD HORIZON 30  CONFID OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE  WELL DEPTH(H) 30  CONFID. OF DEPTH POSSIBLE SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
-38 PRESIDIO 1. DEGREE X 2 DEGREE QUAD SAMPLE COLLECTED AT PIPE OVER STOCK TANK, PRECISE LOCATION OF WINDMILL NOT KNOWN.

014272  SAMPLE TYPE: WELLS WATER  SITE 0041  HAP NH 30B  Samplin JHS  PHASE 2 replicate  TIME SAMPLE TAKEN 12/13/05/78
AIR TEMP(C) 30.0  LAT 29.573  LONG 104.017  UNI CODE TEL 1 VEGETATION COVE BRUSH  SPARSE RELIEF M rad E
WATER LEVEL 10.000  LAND 0.000  WATER DEPTH(M) 10.000
WATER PRESSURE TANK NONE  USE STOCK  PUMPING FREQUENCY  DEPTH TO PROD HORIZON 30  CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE  WELL DEPTH(H) 30  CONFID. OF DEPTH POSSIBLE SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
-38 PRESIDIO 1. DEGREE X 2 DEGREE QUAD SAMPLE COLLECTED AT PIPE OVER STOCK TANK OF WINDMILL WITH RUSTY TOWER.

014273  SAMPLE TYPE: WELLS WATER  SITE 0042  HAP NH 30B  Samplin JHS  PHASE 2 replicate  TIME SAMPLE TAKEN 12/13/05/78
AIR TEMP(C) 32.5  LAT 29.582  LONG 104.017  UNI CODE TEL 1 VEGETATION COVE BRUSH  SPARSE RELIEF M rad E
WATER LEVEL 10.000  LAND 0.000  WATER DEPTH(M) 10.000
WATER PRESSURE TANK NONE  USE STOCK  PUMPING FREQUENCY  DEPTH TO PROD HORIZON 30  CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE  WELL DEPTH(H) 30  CONFID. OF DEPTH POSSIBLE SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
-38 PRESIDIO 1. DEGREE X 2 DEGREE QUAD SAMPLE COLLECTED AT PIPE OVER CEMENT CATTLE TANK IN VALLEY.

014274  SAMPLE TYPE: STREAM SEDIMENT  SITE 0043  HAP NH 30B  Samplin JHS  PHASE 2 replicate  TIME SAMPLE TAKEN 10/15/05/78
AIR TEMP(C) 24.5  LAT 29.530  LONG 104.017  UNI CODE TEL 1 VEGETATION COVE BRUSH  SPARSE RELIEF M rad E
WATER LEVEL 10.000  LAND 0.000  WATER DEPTH(M) 10.000
WATER PRESSURE TANK NONE  USE STOCK  PUMPING FREQUENCY  DEPTH TO PROD HORIZON 30  CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE  WELL DEPTH(H) 30  CONFID. OF DEPTH POSSIBLE SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
-38 PRESIDIO 1. DEGREE X 2 DEGREE QUAD SAMPLE COLLECTED AT PIPE OVER CEMENT CATTLE TANK IN VALLEY.

SEDIMENT INFORMATION:

- SAMPLE CONDITION: DRY  
- SAMPLE TREATMENT: NONE  
- NO. GRABS 22  
- ORGANIC MATERIAL: %

3.0
REMARKS:
1-38 PHOTO 28725 SAMPLE COLLECTED OVER A 60M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 60M. UPSTREAM OF FENCE:

014276 SAMPLE TYPE: STREAM SEDIMENT; SITE 0041; MAP NH1300; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 11/15/05/76
AIR TEMP(C): 31.5; LAT 29.943; LONG 104.376; UNIT CODE: 11; VEGETATION BRUSH; /SPARSE; RELIEF MODERATE
WEATHER CALM; PT CLDY; CONTAMINANTS: NONE; STREAM FLOW(M/SEC); WATER LEVEL: 0.000; WATER DEPTH: 0.000
BED MATERIAL: SAND; SAMPLE COLOR: L-BN-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION: DAY; SAMPLE TREATMENT: NONE; NO. GRABS: 20; ORGANIC MATERIAL: %
Remarks: 1-38 PHOTO 28725 SAMPLE COLLECTED OVER A 60M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 25M. UPSTREAM OF FENCE:

014277 SAMPLE TYPE: STREAM SEDIMENT; SITE 0045; MAP NH1300; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 12/15/05/76
AIR TEMP(C): 32.0; LAT 29.916; LONG 104.360; UNIT CODE: 11; VEGETATION BRUSH; /SPARSE; RELIEF MODERATE
WEATHER CALM; PT CLDY; CONTAMINANTS: NONE; STREAM FLOW(M/SEC); WATER WIDTH: 0.000; WATER DEPTH: 0.000
BED MATERIAL: SAND; SAMPLE COLOR: L-BN-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION: DAY; SAMPLE TREATMENT: NONE; NO. GRABS: 20; ORGANIC MATERIAL: %
Remarks: 1-38 PHOTO 28725 SAMPLE COLLECTED OVER A 70M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 5M. UPSTREAM OF FENCE:

014278 SAMPLE TYPE: STREAM SEDIMENT; SITE 0046; MAP NH1300; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 13/15/05/76
AIR TEMP(C): 32.5; LAT 29.912; LONG 104.299; UNIT CODE: 11; VEGETATION BRUSH; /SPARSE; RELIEF MODERATE
WEATHER CALM; PT CLDY; CONTAMINANTS: NONE; STREAM FLOW(M/SEC); WATER WIDTH: 0.000; WATER DEPTH: 0.000
BED MATERIAL: SAND; SAMPLE COLOR: L-BN-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION: DAY; SAMPLE TREATMENT: NONE; NO. GRABS: 20; ORGANIC MATERIAL: %
Remarks: 1-38 PHOTO 28725 SAMPLE COLLECTED OVER A 60M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 5M. UPSTREAM OF FENCE:

014279 SAMPLE TYPE: STREAM SEDIMENT; SITE 0047; MAP NH1300; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 14/15/05/76
AIR TEMP(C): 33.5; LAT 29.909; LONG 104.326; UNIT CODE: 11; VEGETATION BRUSH; /SPARSE; RELIEF MODERATE
WEATHER CALM; PT CLDY; CONTAMINANTS: NONE; STREAM FLOW(M/SEC); WATER WIDTH: 0.000; WATER DEPTH: 0.000
BED MATERIAL: SAND; SAMPLE COLOR: L-BN-GY; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION: DAY; SAMPLE TREATMENT: NONE; NO. GRABS: 20; ORGANIC MATERIAL: %
Remarks: 1-38 PHOTO 28725 SAMPLE COLLECTED OVER A 60M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 75M. UPSTREAM OF FENCE:

014280 SAMPLE TYPE: WELL WATER; SITE 0048; MAP NH1300; SAMPLER JHS; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 15/15/05/76
AIR TEMP(C): 33.5; LAT 29.934; LONG 104.301; UNIT CODE: 11; VEGETATION BRUSH; /SPARSE; RELIEF MODERATE
WEATHER CALM; PT CLDY; CONTAMINANTS: NONE; STREAM FLOW(M/SEC); WATER WIDTH: 0.000; WATER DEPTH: 0.000
BED MATERIAL: SAND; SAMPLE COLOR: - CL; SAMPLE ODOR: NONE; RESULTS REQUESTED: NO
CENTROID: LAT 0.000; LONG 0.000

GENERAL WATER: TREATMENT: NONE
CONDUTIVITY(MICROMHOS/CM): 490; DISSOLVED OXYGEN(PPM): 7.8; WATER TEMP(C): 26.2
VISIBILITY(H): CLEAR; pH: 7.1; LO-ION PAPER; TOTAL M ALKALINITY(PPM): 210; P ALKALINITY(PPM): 8; M ALKALINITY(PPM): 205
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<th>FIELD DATA - PRESIDIO QUAD</th>
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</thead>
</table>

### Appearance Clear **; Discharge (L/min)** 10.00 **; Producing Horizon Tett** **; Confidence Probable** **; Source Geol. Inference**

<table>
<thead>
<tr>
<th>Well Water:</th>
<th>Type Drilled <strong>; Phr. Class.</strong> Wind <strong>; Casing Steel</strong></th>
<th>Pipe Comp.</th>
<th>Steel</th>
<th>Meters from Head <strong>; Depth to Prod Horizon 20</strong></th>
<th>Confid. of Prod Depth Possible <strong>; Source of Prod. Info Geol. Inference</strong></th>
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#### Remarks
- **1/38 Photo 28725 Sample Collect at Pipe Over Stock Tank of Windmill with Wooden Tower Inside New Corral:**
- **014281 Sample Type Well Water:**
  - **Site:** 0049
  - **Map:** NH328
  - **Sampler:** JHS
  - **Phase:** 2
  - **Replicate:** 2
  - **Time Sample Taken:** 1/19/05/78
  - **Air Temp:** (°C) 34.0; **Lat:** 30.970; **Long:** 104.297
  - **Unit Code:** T1; **Vegetation Brush:** Sparse
  - **Weather:** Light Wind; Pt. Cloudy; **Contaminants:** None
  - **Stream Flow:** (Sec) 7.5
  - **Water Level:** Bed Material
  - **Sample Color:** Clear
  - **Sample Odor:** None
  - **Results Requested No

#### General Water:
- **Treatment:** None
- **Conductivity (Microh2o/M):** 412
- **Dissolved Oxygen (Ppm):** 7.8
- **Water Temp (°C):** 75.4
- **Temperature:** (°C) 23.0
- **Total Alkalinity (Ppm):** 170; **P Alkalinity (Ppm):** 65; **M Alkalinity (Ppm):** 105
- **Appearance Clear:** 
- **Discharge (L/min):** 15.00
- **Producing Horizon Tett:** Confidence Probable
- **Source Geol. Inference:**

#### Well Water:
- **Type Drilled:**
- **Phr. Class:** Wind
- **Casing Steel:** Galvanized
- **Meters from Head:** 5
- **Depth to Prod Horizon:** 20; **Confid. of Prod Depth:** Probable
- **Source of Prod. Info:** Geol. Inference

#### Remarks
- **1/38 Photo 28725 Sample Collect at Pipe Over Aluminum Painted Stock Tank Next to Windmill Row Red Casing:**
  - **014282 Sample Type Well Water:**
    - **Site:** 0050
    - **Map:** NH328
    - **Sampler:** JHS
    - **Phase:** 2
    - **Replicate:** 2
    - **Time Sample Taken:** 1/19/05/78
    - **Air Temp:** (°C) 34.0; **Lat:** 30.970; **Long:** 104.297
    - **Unit Code:** T1; **Vegetation Brush:** Sparse
    - **Weather:** Light Wind; Pt. Cloudy; **Contaminants:** Other
    - **Stream Flow:** (Sec) 7.5
    - **Water Level:** Bed Material
    - **Sample Color:** Clear
    - **Sample Odor:** None
    - **Results Requested No

#### General Water:
- **Treatment:** None
- **Conductivity (Microh2o/M):** 668
- **Dissolved Oxygen (Ppm):** 7.7
- **Water Temp (°C):** 75.4
- **Temperature:** (°C) 23.0
- **Total Alkalinity (Ppm):** 170; **P Alkalinity (Ppm):** 65; **M Alkalinity (Ppm):** 105
- **Appearance Clear:** 
- **Discharge (L/min):** 10.00
- **Producing Horizon Tett:** Confidence Probable
- **Source Geol. Inference:**

#### Well Water:
- **Type Drilled:**
- **Phr. Class:** Wind
- **Casing Steel:** Galvanized
- **Meters from Head:** 5
- **Depth to Prod Horizon:** 20; **Confid. of Prod Depth:** Probable
- **Source of Prod. Info:** Geol. Inference

#### Remarks
- **1/38 Photo 28725 Sample Collect at Pipe Over Stock Tank Next to Windmill Row 60 Water from Stock Tank Is Drained Into Well:**
  - **014283 Sample Type Well Water:**
    - **Site:** 0051
    - **Map:** NH328
    - **Sampler:** JHS
    - **Phase:** 2 **; Replicate:** 2
    - **Time Sample Taken:** 1/19/05/78
    - **Air Temp:** (°C) 34.0; **Lat:** 30.970; **Long:** 104.297
    - **Unit Code:** T1; **Vegetation Brush:** Sparse
    - **Weather:** Light Wind; Pt. Cloudy; **Contaminants:** None
    - **Stream Flow:** (Sec) 7.5
    - **Water Level:** Bed Material
    - **Sample Color:** Clear
    - **Sample Odor:** None
    - **Results Requested No

#### General Water:
- **Treatment:** None
- **Conductivity (Microh2o/M):** 767
- **Dissolved Oxygen (Ppm):** 7.8
- **Water Temp (°C):** 75.4
- **Temperature:** (°C) 23.0
- **Total Alkalinity (Ppm):** 232; **P Alkalinity (Ppm):** 5; **M Alkalinity (Ppm):** 227
- **Appearance Clear:** 
- **Discharge (L/min):** 0.00
- **Producing Horizon Tett:** Confidence Probable
- **Source Geol. Inference:**

#### Well Water:
- **Type Drilled:**
- **Phr. Class:** Wind
- **Casing Steel:** Galvanized
- **Meters from Head:** 5
- **Depth to Prod Horizon:** 100; **Confid. of Prod Depth:** Probable
- **Source of Prod. Info:** Geol. Inference

#### Remarks:
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<th>Field Data - Presidio Quad</th>
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<tr>
<td>1-36 Photo 28725 Sample collected at Black Plastic Pipe over Cattle Tank next to Windmill:</td>
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<th>Date</th>
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<th>Time Sample Taken</th>
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FIELD DATA - PRESIDIO QUAD

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE
- CONDUCTIVITY (MICROMHOS/CM) 604
- DISSOLVED OXYGEN (PPM) 6.8
- WATER TEMP (C) 24.8
- VISIBILITY (M) CLEAR
- PH 7.5
- TOTAL ALKALINITY (PPM) 180
- P ALKALINITY (PPM) .5
- H ALKALINITY (PPM) 184
- APPEARANCE CLEAR
- DISCHARGE (L/M) .40.00
- PRODUCING HORIZON TEI
- CONFIDENCE PROBABLE
- SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG
- PHR CLASS ELECTRIC
- CASING OTHER
- PIPE COMP. GALVANIZED
- METERS FROM HEAD 60
- PRESSURE TANK NONE
- USE HOUSEHOLD
- PUMPING FREQ INFRON TO PROD HORIZON 20
- CONFID. OF PROD DEPTH
- SOURCE OF PROD INFO OWNER
- WELL DEPTH (M) 20
- CONF. OF DEPTH HIGH
- SOURCE OF DEPTH INFO OWNER

REMARKS:
- I-38 CHINATI PEAK N.W. SAMPLE COLLECTED AT FACET INFRONT OF RANCH HOUSE; 3-20 CONCRETE; I-78 L.R. FRENCH % 1010
- HALL % MIDLAND, TEXAS

014288 SAMPLE TYPE WELL WATER
- SITE 0056: MAP WH1308
- SAMPLER JHS: PHASE 2
- REPLICATE: TIME SAMPLE TAKEN 13/16/05/78
- AIR TEMP (C) 33.0
- LAT 29.988
- LONG 104.487
- UNIT CODE: TI
- VEGETATION BRUSH
- SPARSE
- RELIEF MODERATE
- HEATHER
- PT CLDY
- CONTAMINANTS: NONE
- STREAM FLOW: (M/SEC)
- HATER WIDTH (M)
- HATER DEPTH (M)
- CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE
- CONDUCTIVITY (MICROMHOS/CM) 1176
- DISSOLVED OXYGEN (PPM) 0.5
- WATER TEMP (C) 24.3
- VISIBILITY (M) CLEAR
- PH 7.2
- TOTAL ALKALINITY (PPM) 345
- P ALKALINITY (PPM) .5
- H ALKALINITY (PPM) 350
- APPEARANCE CLEAR
- DISCHARGE (L/M) 6.00
- PRODUCING HORIZON TEI
- CONFIDENCE PROBABLE
- SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED
- PHR CLASS: WIND
- CASING STEEL
- PIPE COMP.: STEEL
- METERS FROM HEAD 4
- PRESSURE TANK none
- USE STOCK
- PUMPING FREQ INFRON TO PROD HORIZON 60
- CONFID. OF PROD DEPTH
- SOURCE OF PROD INFO OWNER
- WELL DEPTH (M) 60
- CONF. OF DEPTH POSSIBLE
- SOURCE OF DEPTH INFO OWNER
- RELIEF INFERENCE

REMARKS:
- I-38 CHINATI PEAK N.W. SAMPLE COLLECTED AT PIPE OVER CATTLE TANK NEXT TO WINDMILL; I-78 L.R. FRENCH % 1010
- HALL % MIDLAND, TEXAS 79701

014289 SAMPLE TYPE STREAM SEDIMENT
- SITE 0057: MAP WH1308
- SAMPLER JHS: PHASE 2
- REPLICATE: TIME SAMPLE TAKEN 14/16/05/78
- AIR TEMP (C) 34.0
- LAT 30.000
- LONG 104.475
- UNIT CODE: TEC
- VEGETATION BRUSH
- SPARSE
- RELIEF MODERATE
- HEATHER
- PT CLDY: CONTAMINANTS: NONE
- STREAM FLOW: (M/SEC)
- HATER WIDTH (M)
- HATER DEPTH (M)
- CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION:
- SAMPLE CONDITION: DAY
- SAMPLE TREATMENT: NONE
- NO. GRABS: 15
- ORGANIC MATERIAL: 1%

REMARKS:
- I-38 CHINATI PEAK N.W. SAMPLE COLLECTED OVER A 30M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 10M. UPSTREAM OF ROAD: I-78 L.R. FRENCH % 1010
- HALL % MIDLAND, TEXAS 79701

014290 SAMPLE TYPE STREAM SEDIMENT
- SITE 0058: MAP WH1308
- SAMPLER JHS: PHASE 2
- REPLICATE: TIME SAMPLE TAKEN 15/16/05/78
- AIR TEMP (C) 34.0
- LAT 29.975
- LONG 104.382
- UNIT CODE: TEC
- VEGETATION BRUSH
- SPARSE
- RELIEF GENTLE
- HEATHER
- PT CLDY: CONTAMINANTS: NONE
- STREAM FLOW: (M/SEC)
- HATER WIDTH (M)
- HATER DEPTH (M)
- CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION:
- SAMPLE CONDITION: DAY
- SAMPLE TREATMENT: NONE
- NO. GRABS: 20

REMARKS:
- I-38 CHINATI PEAK N.W. SAMPLE COLLECTED OVER A 60M. INTERVAL GOING UPSTREAM IN CENTER OF CHANNEL STARTING 5M. UPSTREAM OF ROAD: I-78 L.R. FRENCH % 1010
- HALL % MIDLAND, TEXAS 79701

014291 SAMPLE TYPE STREAM SEDIMENT
- SITE 0059: MAP WH1308
- SAMPLER JHS: PHASE 2
- REPLICATE: TIME SAMPLE TAKEN 16/16/05/78
- AIR TEMP (C) 33.0
- LAT 29.976
- LONG 104.379
- UNIT CODE: T1
- VEGETATION BRUSH
- SPARSE
- RELIEF GENTLE
- HEATHER
- PT CLDY: CONTAMINANTS: NONE
- STREAM FLOW: (M/SEC)
- HATER WIDTH (M)
- HATER DEPTH (M)
- CENTROID: LAT 0.000 LONG 0.000
### Field Data - Presidio Quad

**Sediment Information:**
- Sample Type: Stream Sediment
- Site No.: NH1300
- Sampler JHS: Phase 2
- Replicate: Time Sample Taken: 7/16/05; 7/17/05
- Air Temp (°C): 33.5°; Lat: 29.736°; Long: 104.8°
- Unit Code: 11; Vegetation Brush: Sparse; Relief Moderate
- Weather: Partly Cloudy, Contaminants: None
- Stream Flow (m/Sec): Water Level: Depth (m)
- Water Width (m): Water Depth (m)
- Sample Condition: Dry
- Sample Treatment: None
- No. Grab: 22; Organic Material 1%
- Remarks: Weather: Lt Wind, Clear

**Remarks:**
- Sample collected at Site NH1300; Sample JHS Phase 2; Replicate: Time Sample Taken: 7/16/05; 7/17/05
- Air Temp (°C): 33.5°; Lat: 29.736°; Long: 104.8°
- Unit Code: 11; Vegetation Brush: Sparse; Relief Gentle
- Weather: Partly Cloudy, Contaminants: None
- Stream Flow (m/Sec): Water Level: Depth (m)
- Water Width (m): Water Depth (m)
- Sample Condition: Dry
- Sample Treatment: None
- No. Grab: 22; Organic Material 1%
- Remarks: Weather: Lt Wind, Clear

**Sediment Information:**
- Sample Type: Stream Sediment
- Site No.: NH1300
- Sampler JHS: Phase 2
- Replicate: Time Sample Taken: 7/16/05; 7/17/05
- Air Temp (°C): 33.5°; Lat: 29.736°; Long: 104.8°
- Unit Code: 11; Vegetation Brush: Sparse; Relief Gentle
- Weather: Partly Cloudy, Contaminants: None
- Stream Flow (m/Sec): Water Level: Depth (m)
- Water Width (m): Water Depth (m)
- Sample Condition: Dry
- Sample Treatment: None
- No. Grab: 22; Organic Material 1%
- Remarks: Weather: Lt Wind, Clear

**Remarks:**
- Sample collected at Site NH1300; Sample JHS Phase 2; Replicate: Time Sample Taken: 7/16/05; 7/17/05
- Air Temp (°C): 33.5°; Lat: 29.736°; Long: 104.8°
- Unit Code: 11; Vegetation Brush: Sparse; Relief Gentle
- Weather: Partly Cloudy, Contaminants: None
- Stream Flow (m/Sec): Water Level: Depth (m)
- Water Width (m): Water Depth (m)
- Sample Condition: Dry
- Sample Treatment: None
- No. Grab: 22; Organic Material 1%
- Remarks: Weather: Lt Wind, Clear

**Sediment Information:**
- Sample Type: Stream Sediment
- Site No.: NH1300
- Sampler JHS: Phase 2
- Replicate: Time Sample Taken: 7/16/05; 7/17/05
- Air Temp (°C): 33.5°; Lat: 29.736°; Long: 104.8°
- Unit Code: 11; Vegetation Brush: Sparse; Relief Gentle
- Weather: Partly Cloudy, Contaminants: None
- Stream Flow (m/Sec): Water Level: Depth (m)
- Water Width (m): Water Depth (m)
- Sample Condition: Dry
- Sample Treatment: None
- No. Grab: 22; Organic Material 1%
- Remarks: Weather: Lt Wind, Clear

**Remarks:**
- Sample collected at Site NH1300; Sample JHS Phase 2; Replicate: Time Sample Taken: 7/16/05; 7/17/05
- Air Temp (°C): 33.5°; Lat: 29.736°; Long: 104.8°
- Unit Code: 11; Vegetation Brush: Sparse; Relief Gentle
- Weather: Partly Cloudy, Contaminants: None
- Stream Flow (m/Sec): Water Level: Depth (m)
- Water Width (m): Water Depth (m)
- Sample Condition: Dry
- Sample Treatment: None
- No. Grab: 22; Organic Material 1%
- Remarks: Weather: Lt Wind, Clear

**Sediment Information:**
- Sample Type: Stream Sediment
- Site No.: NH1300
- Sampler JHS: Phase 2
- Replicate: Time Sample Taken: 7/16/05; 7/17/05
- Air Temp (°C): 33.5°; Lat: 29.736°; Long: 104.8°
- Unit Code: 11; Vegetation Brush: Sparse; Relief Gentle
- Weather: Partly Cloudy, Contaminants: None
- Stream Flow (m/Sec): Water Level: Depth (m)
- Water Width (m): Water Depth (m)
- Sample Condition: Dry
- Sample Treatment: None
- No. Grab: 22; Organic Material 1%
- Remarks: Weather: Lt Wind, Clear
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</table>
**FIELD DATA - PRESIDIO QUAD**

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**1-38 AERIAL PHOTO 29436 COLLECTED WATER FROM PIPE WHERE IT ENTERS STEEL HOLDING TANK 5H. WEST OF WINDMILL:**

**014535** SAMPLE TYPE HELL WATER ; SITE 0411 ; MAP NH1308 ; SAMPLER TRP ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 11/13/05/78

- AIR TEMP(C) + 26.0 ; LAT 29.614 ; LONG 104.002 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; MEDIUM ; RELIEF LOW
- HEATHER LT WIND-CLEAR ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M) ; CENTERID: LAT 0.000 LONG 0.000

**GENERAL WATER; TREATMENT NONE ; CONDUCTIVITY(MICROMOS/C-M) 660 ; DISSOLVED OXYGEN(PPM) 5.4 ; WATER TEMP(C) +23.6**

- VISIBILITY(M) CLEAR ; PH 7.8 ILO-ION PAPER ; TOTAL ALKALINITY(PHM) 234 ; PH ALKALINITY(PHM) 15 ; H ALKALINITY(PHM) 226
- APPEARANCE CLEAR ; DISCHARGE(W-M) 20.00 ; PRODUCING HORIZON TETT ; CONFIDENCE PROBABLE ; SOURCE GEO. INFERENCE

**WELL WATER ; TYPE DRILLED ; PHR CLASS. WIND ; CASING STEEL ; PIPE COMP. GALVANIZED ; METERS FROM HEAD 1**

- WAT PRESSURE TANK NONE ; USE STOCK ; PUMPING FREQ FREQUENT ; DEPTH TO PROD HORIZON 46 ; CONFID. OF PROD DEPTH POSSIBLE SOURCE OF PROD. INFO GEO. INFERENCE ; WELL DEPTH(M) 46 ; CONFID. OF DEPTH POSSIBLE ; SOURCE OF DEPTH INFO ; GEO. INFERENCE

**REMARKS:**

1-38 AERIAL PHOTO 29436 COLLECTED WATER FROM PLASTIC PIPE WHERE IT ENTERS STEEL HOLDING TANK 6H. NORTH OF WINDMILL.

---

**3-27 9M. PLASTIC PIPE FROM WINDMILL TO TANK:**

**014536** SAMPLE TYPE STREAM SEDIMENT ; SITE 0412 ; MAP NH1308 ; SAMPLER TRP ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 13/13/05/78

- AIR TEMP(C) + 27.0 ; LAT 29.791 ; LONG 104.064 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; MEDIUM ; RELIEF GENTLE
- HEATHER LT WIND-CLEAR ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M) ; CENTERID: LAT 0.000 LONG 0.000

**SEDIMENT INFORMATION: SAMPLE CONDITION DRY ; SAMPLE TREATMENT NONE ; NO. GRABS 21 ; ORGANIC MATERIAL %**

**REMARKS:**

1-38 AERIAL PHOTO 29377 COLLECTED IN MIDSTREAM OVER 218M INTERVAL, GOING DOWNSTREAM, STARTING 88M. DOWNSTREAM OF CONFLUENCE. 1-79 TED HARPER & BOX 1124 HARPER, TX 79854.

---

**014537** SAMPLE TYPE STREAM SEDIMENT ; SITE 0413 ; MAP NH1308 ; SAMPLER TRP ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 15/13/05/78

- AIR TEMP(C) + 28.5 ; LAT 29.812 ; LONG 104.208 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; MEDIUM ; RELIEF GENTLE
- HEATHER LT WIND-CLEAR ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M) ; CENTERID: LAT 0.000 LONG 0.000

**SEDIMENT INFORMATION: SAMPLE CONDITION DRY ; SAMPLE TREATMENT NONE ; NO. GRABS 17 ; ORGANIC MATERIAL %**

**REMARKS:**

1-38 AERIAL PHOTO 28679 COLLECTED IN MIDSTREAM OVER 120M INTERVAL, GOING UPSTREAM, STARTING 120M, UPSTREAM OF CONFLUENCE WITH LARGE STREAM.

---

**014538** SAMPLE TYPE STREAM SEDIMENT ; SITE 0414 ; MAP NH1308 ; SAMPLER TRP ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 15/13/05/78

- AIR TEMP(C) + 29.5 ; LAT 29.828 ; LONG 104.209 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; MEDIUM ; RELIEF GENTLE
- HEATHER LT WIND-CLEAR ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M) ; CENTERID: LAT 0.000 LONG 0.000

**SEDIMENT INFORMATION: SAMPLE CONDITION DRY ; SAMPLE TREATMENT NONE ; NO. GRABS 19 ; ORGANIC MATERIAL %**

**REMARKS:**

1-38 AERIAL PHOTO 28679 COLLECTED IN MIDSTREAM OVER 120M INTERVAL, GOING UPSTREAM, STARTING 20M. UPSTREAM OF DIRT ROAD.

---

**014539** SAMPLE TYPE HELL WATER ; SITE 0415 ; MAP NH1308 ; SAMPLER TRP ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 11/15/05/78

- AIR TEMP(C) + 31.0 ; LAT 29.915 ; LONG 104.063 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; MEDIUM ; RELIEF LOW
- HEATHER LT WIND-PT CLDY ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M) ; CENTERID: LAT 0.000 LONG 0.000

**SEDIMENT INFORMATION: SAMPLE CONDITION DRY ; SAMPLE TREATMENT NONE ; NO. GRABS 19 ; ORGANIC MATERIAL %**

**REMARKS:**

1-38 AERIAL PHOTO 28679 COLLECTED IN MIDSTREAM OVER 120M INTERVAL, GOING UPSTREAM, STARTING 20M. UPSTREAM OF DIRT ROAD.

---

**014541** SAMPLE TYPE HELL WATER ; SITE 0417 ; MAP NH1308 ; SAMPLER TRP ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 11/15/05/78

- AIR TEMP(C) + 31.0 ; LAT 29.915 ; LONG 104.063 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; MEDIUM ; RELIEF LOW
- HEATHER LT WIND-PT CLDY ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M) ; CENTERID: LAT 0.000 LONG 0.000

**SEDIMENT INFORMATION: SAMPLE CONDITION DRY ; SAMPLE TREATMENT NONE ; NO. GRABS 19 ; ORGANIC MATERIAL %**

**REMARKS:**

1-38 AERIAL PHOTO 28679 COLLECTED IN MIDSTREAM OVER 120M INTERVAL, GOING UPSTREAM, STARTING 20M. UPSTREAM OF DIRT ROAD.
### FIELD DATA - PRESIDIO QUAD

**Centroid: Lat 0.000 Long 0.000**

#### General Water: Treatment None
- **Conductivity (Micromhos/cm):** 1020
- **Dissolved Oxygen (PPM):** 6.4
- **Water Temp (C):** +29.9

**Visibility (M):** Clear
- **pH:** 7.4
- **Lo-Ion Paper:**
- **Total Alkalinity (PPM):** 280
- **pH:** 5
- **M Alkalinity (PPM):** 250

**Appearance Clear:**
- **Discharge (L/H):** 2.00
- **Producing Horizon:**
- **Confidence Probable:**
- **Source Geol. Inference:**

**Well Water:**
- **Type Drilled:**
- **Pur: Class:**
- **Wind:**
- **Casing Steel:**
- **Pipe Comp.:** Galvanized
- **他表示:** From Head

**Well Pressure Tank:**
- **Use Stock:**
- **Pumping Frequent:**
- **Depth to Prod Horizon:**
- **Confid. of Prod Depth Possible:**

**Source of Prod. Info Geol. Inference:**
- **Well Depth (M):**
- **Confid. of Depth Possible:**
- **Source of Depth Info Geol. Inference:**

**Remarks:**
- 1-38 Aerial Photo 29434 Collected Water from Joint in Galvanized Pipe, 5A. From Where It Empties Into Earth Tank, 22M. East of Hindmill.

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</tr>
<tr>
<td></td>
<td>Relief Gentle</td>
<td>Gentle</td>
</tr>
<tr>
<td></td>
<td>Weather: LT wind, PE cldy</td>
<td>LT wind, PE cldy</td>
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<tr>
<td></td>
<td>Contaminants: None</td>
<td>None</td>
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<tr>
<td></td>
<td>Stream Flow (M/Sec): 0.00</td>
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<tr>
<td></td>
<td>Water Depth (M):</td>
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<tr>
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</table>

**General Water: Treatment None**
- **Conductivity (Micromhos/cm):** 1250
- **Dissolved Oxygen (PPM):** 4.8
- **Water Temp (C):** +23.7

**Visibility (M):** Clear
- **pH:** 7.5
- **Lo-Ion Paper:**
- **Total Alkalinity (PPM):** 386
- **pH:** 5
- **M Alkalinity (PPM):** 370

**Appearance Clear:**
- **Discharge (L/H):** 6.00
- **Producing Horizon:**
- **Confidence Probable:**
- **Source Geol. Inference:**

**Well Water:**
- **Type Drilled:**
- **Pur: Class:**
- **Wind:**
- **Casing Steel:**
- **Pipe Comp.:** Plastic
- **Meters from Head:**

**Well Pressure Tank:**
- **Use Stock:**
- **Pumping Frequent:**
- **Depth to Prod Horizon:**
- **Confid. of Prod Depth Possible:**

**Source of Prod. Info Geol. Inference:**
- **Well Depth (M):**
- **Confid. of Depth Possible:**
- **Source of Depth Info Geol. Inference:**

**Remarks:**
- 1-38 Aerial Photo 29372 Sample Taken from Pipe Over Holding Tank, Well Located 3M. S. 1-78 Jack Brown 3 Box 547

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<th>Sample Type</th>
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<th>Sample Taken: 13/15/70</th>
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<td>014543</td>
<td>Site: 0419</td>
<td>Location: Map NH130D</td>
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<td>AIR Tmp (C): 36.0</td>
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<td>AIR Tmp (C): 104.14</td>
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<td>Vegetation Brush: Clear</td>
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<td>Stream Flow (M/Sec): 0.00</td>
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<td>Water Depth (M):</td>
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**General Water: Treatment None**
- **Conductivity (Micromhos/cm):** 350
- **Dissolved Oxygen (PPM):** 5.5
- **Water Temp (C):** +26.9

**Visibility (M):** Clear
- **pH:** 7.6
- **Lo-Ion Paper:**
- **Total Alkalinity (PPM):** 220
- **pH:** 5
- **M Alkalinity (PPM):** 200

**Appearance Clear:**
- **Discharge (L/H):** 20.00
- **Producing Horizon:**
- **Confidence Probable:**
- **Source Geol. Inference:**

**Well Water:**
- **Type Drilled:**
- **Pur: Class:**
- **Wind:**
- **Casing Steel:**
- **Pipe Comp.:** Plastic
- **Meters from Head:**

**Well Pressure Tank:**
- **Use Stock:**
- **Pumping Frequent:**
- **Depth to Prod Horizon:**
- **Confid. of Prod Depth Possible:**

**Source of Prod. Info Geol. Inference:**
- **Well Depth (M):**
- **Confid. of Depth Possible:**
- **Source of Depth Info Geol. Inference:**

**Remarks:**
- 1-38 Aerial Photo 29377 Sample Taken from Pipe Over Holding Tank, Well Located 4M. N. 1-78 Jack Brown 4 Box 547

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<td>Stream Flow (M/Sec): 0.00</td>
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<td>Centroid: Lat: 0.000 Long: 0.000</td>
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**Sediment Information:**
- **Type:**
- **Condition:**
- **Sample Treatment:**
- **Results Requested:**

**Remarks:**
- 1-38 Aerial Photo 29434 Collected in Midstream Over 86M. Interval, Going Upstream, Starting 20M. Upstream of Dirt Road.
FIELD DATA - PRESIDIO QUAD

014545  "SAMPLE TYPE STREAM SEDIMENT" ; SITE 0510; MAP NH1308; SAMPLER HEN; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 13/12/05/78

- AIR TEMP(C) 33.0; LAT 29.823; LONG 104.040; UNIT CODE T1; VEGETATION DECIDUOUS; MODERATE; RELIEF GENTLE
- WEATHER LT WIND-CLEAR; CONTAMINANTS NONE; STREAM FLOW(M/SEC); WATER WIDTH(M); WATER DEPTH(M)
- WATER LEVEL DRY; BED MATERIAL SAND; SAMPLE COLOR L-RED-BN; SAMPLE ODOR NONE; RESULTS REQUESTED NO
- CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRABS 18; ORGANIC MATERIAL

REMARKS:
- 1-30 AERIAL PHOTO 29434 COLLECTED IN MIDSTREAM OVER 160M. INTERVAL; GOING UPSTREAM; STARTING 22N.; UPSTREAM OF CONFLUENCE WITH ALAMITO CREEK;

014546  "SAMPLE TYPE STREAM SEDIMENT" ; SITE 0510; MAP NH1308; SAMPLER HEN; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 14/12/05/78

- AIR TEMP(C) 34.0; LAT 29.828; LONG 104.040; UNIT CODE T1; VEGETATION DECIDUOUS; MODERATE; RELIEF GENTLE
- WEATHER LT WIND-PT CLDY; CONTAMINANTS NONE; STREAM FLOW(M/SEC); WATER WIDTH(M); WATER DEPTH(M)
- WATER LEVEL DRY; BED MATERIAL SAND; SAMPLE COLOR L-RED-BN; SAMPLE ODOR NONE; RESULTS REQUESTED NO
- CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRABS 18; ORGANIC MATERIAL

REMARKS:
- 1-30 AERIAL PHOTO 29377 COLLECTED IN MIDSTREAM OVER 144M. INTERVAL; GOINGUpstream; STARTING 20N.; UPSTREAM OF ROAD;

014582  "SAMPLE TYPE STREAM SEDIMENT" ; SITE 0410; MAP NH1308; SAMPLER TRAP; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 13/10/05/78

- AIR TEMP(C) 35.5; LAT 29.882; LONG 104.026; UNIT CODE TETT; VEGETATION DECIDUOUS; MODERATE; RELIEF LOW
- WEATHER LT WIND-PT CLDY; CONTAMINANTS NONE; STREAM FLOW(M/SEC); WATER WIDTH(M); WATER DEPTH(M)
- WATER LEVEL DRY; BED MATERIAL SAND; SAMPLE COLOR M-GRAY-BN; SAMPLE ODOR NONE; RESULTS REQUESTED NO
- CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRABS 20; ORGANIC MATERIAL

REMARKS:
- 1-30 AERIAL PHOTO 29434 COLLECTED IN MIDSTREAM OVER 155M. INTERVAL; GOING UPSTREAM; STARTING 11M.; UPSTREAM OF RANCH ROAD;

014983  "SAMPLE TYPE STREAM SEDIMENT" ; SITE 0430; MAP NH1308; SAMPLER TRAP; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 14/10/05/78

- AIR TEMP(C) 36.0; LAT 29.874; LONG 104.040; UNIT CODE TETT; VEGETATION DECIDUOUS; MODERATE; RELIEF GENTLE
- WEATHER LT WIND-PT CLDY; CONTAMINANTS NONE; STREAM FLOW(M/SEC); WATER WIDTH(M); WATER DEPTH(M)
- WATER LEVEL DRY; BED MATERIAL SAND; SAMPLE COLOR M-GRAY-BN; SAMPLE ODOR NONE; RESULTS REQUESTED NO
- CENTROID: LAT 0.000; LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRABS 21; ORGANIC MATERIAL

REMARKS:
- 1-30 AERIAL PHOTO 29434 COLLECTED IN MIDSTREAM OVER 152M. INTERVAL; GOING UPSTREAM; STARTING 17M.; UPSTREAM OF RANCH ROAD;

014984  "SAMPLE TYPE WELL WATER" ; SITE 0403; MAP NH1308; SAMPLER TRAP; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 14/10/05/78

- AIR TEMP(C) 33.0; LAT 29.866; LONG 104.099; UNIT CODE T0; VEGETATION DECIDUOUS; MODERATE; RELIEF GENTLE
- WEATHER LT WIND-PT CLDY; CONTAMINANTS NONE; STREAM FLOW(M/SEC); WATER WIDTH(M); WATER DEPTH(M)
- WATER LEVEL; BED MATERIAL; SAMPLE COLOR; CAL; SAMPLE ODOR NONE; RESULTS REQUESTED NO
- CENTROID: LAT 0.000; LONG 0.000

GENERAL WATER TREATMENT NONE

CONDUCTIVITY(MICROMhos/CM) 730; DISSOLVED OXYGEN(PPM) 8.3; WATER TEMP(C) +25.8
VISIBILITY(M) CLEAR; PH 7.3; LQ-ION PAPER; TOTAL ALKALINITY(PPM) 194; P-ALKALINITY(PPM) 0; H-ALKALINITY(PPM) 0
APPEARANCE CLEAR; DISCHARGE(L/M) 30.00; PRODUCING HORIZON TETT; CONFIDENCE PROBABLE; SOURCE GEO. INERENCE

WELL WATER: TYPE DRILLED; PHAR CLASS. ELECTRIC; CASING STEEL; PIPE COMP. GALVANIZED; METERS FROM HEAD 7
WELL PRESSURE TANK NONE; USE STOCK; PUMPING FREQ INFRQUENT; DEPTH TO PROD HORIZON 61; CONFID. OF DEPTH HIGH
SOURCE OF PROD. INFO OWNER; WELL DEPTH(M) 61; CONFID. OF DEPTH HIGH; SOURCE OF DEPTH INFO OWNER
FIELD DATA - PRESIDIO QUAD

REMARKS:
1-38 AERIAL PHOTO 29379 SAMPLE TAKEN FROM PIPE OVER HOLDING TANK, WELL LOCATED 300 FT. 3-19 SUBMERSIBLE PUMP: 1-78
JACK BROWN # BOX 547 % MARFA, TEX. 79843:

014985 SAMPLE TYPE STREAM SEDIMENT : SITE 0404 : MAP NH1308 : SAMPLER TRP : PHASE 2 : REPLICATE : TIME SAMPLEx TAKEN: 15/10/05/78
AIR TEMP(C): 36.0 ; LAT: 29.876 ; LONG: 104.112 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; Moderate ; RELIEF: GENTLE
WEATHER: LT WIND-PT CLDY ; CONTAMINANTS: NONE ; STREAM FLOW(M/SEC): WATER WIDTH(M): WATER DEPTH(M)
WATER LEVEL: DRY ; BED MATERIAL: SAND ; SAMPLE COLOR: H--BN ; SAMPLE ODOR: NONE ; RESULTS REQUESTED: Yes
CENTROID: LAT: 0.000 ; LONG: 0.000

Sediment Information:
SAMPLE CONDITION DRY ; SAMPLE TREATMENT: None ; NO. GRABS: 20 ; ORGANIC MATERIAL: %
REMARKS:
1-38 AERIAL PHOTO 29379 COLLECTED IN MIDSTREAM OVER 166M. INTERVAL, GOING UPSTREAM, STARTING 166M. DOWNSTREAM OF SMALL BRANCH ENTERING MAIN STREAM FROM THE WEST: 1-78 JACK BROWN % BOX 547 % MARFA, TEX. 79843:

014986 SAMPLE TYPE STREAM SEDIMENT : SITE 0405 : MAP NH1308 : SAMPLER TRP : PHASE 2 : REPLICATE : TIME SAMPLEx TAKEN: 16/10/05/78
AIR TEMP(C): 36.5 ; LAT: 29.887 ; LONG: 104.093 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; Moderate ; RELIEF: GENTLE
WEATHER: LT WIND-PT CLDY ; CONTAMINANTS: NONE ; STREAM FLOW(M/SEC): WATER WIDTH(M): WATER DEPTH(M)
WATER LEVEL: DRY ; BED MATERIAL: SAND ; SAMPLE COLOR: M-GY-BN ; SAMPLE ODOR: NONE ; RESULTS REQUESTED: Yes
CENTROID: LAT: 0.000 ; LONG: 0.000

Sediment Information:
SAMPLE CONDITION DRY ; SAMPLE TREATMENT: None ; NO. GRABS: 23 ; ORGANIC MATERIAL: %
REMARKS:
1-38 AERIAL PHOTO 29379 COLLECTED IN MIDSTREAM OVER 166M. INTERVAL, GOING UPSTREAM, STARTING AT BARBED WIRE FENCE:

014988 SAMPLE TYPE SPRING WATER : SITE 0406 : MAP NH1308 : SAMPLER TRP : PHASE 2 : REPLICATE : TIME SAMPLEx TAKEN: 16/10/05/78
AIR TEMP(C): 25.0 ; LAT: 29.829 ; LONG: 104.067 ; UNIT CODE TETT ; VEGETATION DECIDUOUS ; Moderate ; RELIEF: GENTLE
WEATHER: LT WIND-PT CLDY ; CONTAMINANTS: NONE ; STREAM FLOW(M/SEC): WATER WIDTH(M): WATER DEPTH(M)
WATER LEVEL: DRY ; BED MATERIAL: SAND ; SAMPLE COLOR: M-GY-BN ; SAMPLE ODOR: NONE ; RESULTS REQUESTED: Yes
CENTROID: LAT: 0.000 ; LONG: 0.000

General Water:
TREATMENT: None ; CONDUCTIVITY(MICROMHOS/CM): 600 ; DISSOLVED OXYGEN(PPM): 8.2 ; WATER TEMP(C): 33.7
VISIBILITY(M): CLEAR ; PH: 7.2 ; LO-ION PAPER ; TOTAL ALKALINITY(PPM): 222 ; P ALKALINITY(PPM): 45 ; H-ALKALINITY(PPM): 232
APPEARANCE: CLEAR ; DISCHARGE(L/H): PRODUCING HORIZON Ti ; CONFIDENCE PROBABLE ; SOURCE: POND ; INFEERENCE
REMARKS:
1-38 AERIAL PHOTO 29377 COLLECTED SPRING WATER FROM POOL WHERE IT BUBBLES OUT OF GROUND 2000FT NORTH OF CARRIZAL RANCH HOUSE: 1-78 TED HARPER % BOX 1132 % MARFA, TEX. 79843:

014989 SAMPLE TYPE STREAM SEDIMENT : SITE 0407 : MAP NH1308 : SAMPLER TRP : PHASE 2 : REPLICATE : TIME SAMPLEx TAKEN: 16/10/05/78
AIR TEMP(C): 28.7 ; LAT: 29.824 ; LONG: 104.071 ; UNIT CODE TETT ; VEGETATION BRUSH ; Sparse ; RELIEF: GENTLE
WEATHER: LT CLDY ; CONTAMINANTS: NONE ; STREAM FLOW(M/SEC): WATER WIDTH(M): WATER DEPTH(M)
WATER LEVEL: DRY ; BED MATERIAL: COBBLE ; SAMPLE COLOR: M-BN-GY ; SAMPLE ODOR: NONE ; RESULTS REQUESTED: Yes
CENTROID: LAT: 0.000 ; LONG: 0.000

Sediment Information:
SAMPLE CONDITION DRY ; SAMPLE TREATMENT: None ; NO. GRABS: 12 ; ORGANIC MATERIAL: %
REMARKS:
1-38 AERIAL PHOTO 29377, SAMPLE TAKEN OVER 800M. INTERVAL, GOING UPSTREAM, ALONG CENTER, STARTING 24M. UPSTREAM FROM ROAD: 1-78 TED HARPER % BOX 1132 % MARFA, TEX. 79843:

014990 SAMPLE TYPE WELL WATER: SITE 0408 : MAP NH1308 : SAMPLER TRP : PHASE 2 : REPLICATE : TIME SAMPLEx TAKEN: 16/10/05/78
AIR TEMP(C): 29.0 ; LAT: 29.737 ; LONG: 104.107 ; UNIT CODE: 00 ; VEGETATION: DECIDUOUS ; Moderate ; RELIEF: GENTLE
WEATHER: CALM ; LT CLDY ; CONTAMINANTS: NONE ; STREAM FLOW(M/SEC): WATER WIDTH(M): WATER DEPTH(M)
WATER LEVEL: DRY ; BED MATERIAL: SAND ; SAMPLE COLOR: M-BN-GY ; SAMPLE ODOR: NONE ; RESULTS REQUESTED: Yes
CENTROID: LAT: 0.000 ; LONG: 0.000

General Water:
TREATMENT: None ; CONDUCTIVITY(MICROMHOS/CM): 70 ; DISSOLVED OXYGEN(PPM): 8.3 ; WATER TEMP(C): 24.7
FIELD DATA - PRESIDIO QUAD

VISIBILITY(H) CLEAR; PH 7.2; TOTAL ALKALINITY(PH) 275; P ALKALINITY(PH) <5; M ALKALINITY(PH) 288

APPEARANCE CLEAR; DISCHARGE(L/M) 14.00; PRODUCING HORIZON TETT; CONFIDENCE PROBABLE; SOURCE GEO. INFERENCE

WELL WATER: TYPE DRILLED; PWR. CLASS. ELECTRIC; CASING STEEL; PIPE COMP. GALVANIZED; METERS FROM HEAD 0;

WATER PRESSURE TANK NONE; USE STOCK; PUMPING FREQ. FREQUENT; DEPTH TO PROD HORIZON 47; CONFID. OF PROD DEPTH HIGH

SOURCE OF PROD. INFO. OWNER; WELL DEPTH(M) 47; CONFID. OF DEPTH HIGH; SOURCE OF DEPTH INFO OWNER

REMARKS: I-38 AERIAL PHOTO 29377 COLLECTED WATER FROM PIPE ABOVE CONCRETE HOLDING TANK 350. NORTHEAST OF HILLMILL; 1-78 JACK

BROWN & BOX 547 & HARFA. TX. 79843.

015059 SAMPLE TYPE WEL-L WATER; SITE 0420; MAP NH 308; SAMPLER TAP; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 14/15/05/78

AIR TEMP(C) 35.0; LAT 29.683; LONG 104.164; UNIT CODE TETT; VEGETATION DECIDUOUS; MODERATE; RELIEF GENTLE

WATER LEVEL; BED MATERIAL; SAMPLE COLOR; -CL; SAMPLE ODOR NONE; RESULTS REQUESTED YES

CENTROID; LAT 6,000; LONG 0,000

GENERAL WATER: TREATMENT NONE; CONDUCTIVITY(MICROMHOS/CM) 870; DISSOLVED OXYGEN(PH) 9.0; WATER TEMP(C) -26.0

VISIBILITY(H) CLEAR; PH 8.0; TOTAL ALKALINITY(PH) 216; P ALKALINITY(PH) 45; M ALKALINITY(PH) 208

APPEARANCE CLEAR; DISCHARGE(L/M) 5.00; PRODUCING HORIZON TETT; CONFIDENCE PROBABLE; SOURCE GEO. INFERENCE

WELL WATER: TYPE DRILLED; PWR. CLASS. WIND; CASING STEEL; PIPE COMP. GALVANIZED; METERS FROM HEAD 0;

WATER PRESSURE TANK NONE; USE STOCK; PUMPING FREQ. FREQUENT; DEPTH TO PROD HORIZON 40; CONFID. OF PROD DEPTH POSSIBLE

SOURCE OF PROD. INFO. OWNER; WELL DEPTH(M) 40; CONFID. OF DEPTH HIGH; SOURCE OF DEPTH INFO OWNER

REMARKS: I-38 AERIAL PHOTO 28677 COLLECTED WATER FROM PIPE ABOVE STEEL HOLDING TANK 4M OF WINDMILL; 1-60 WHITE PRECIPITATE

ON END OF PIPE; 1-78 JACK BROWN & BOX 547 & HARFA. TX. 79843.

015060 SAMPLE TYPE WEL-L WATER; SITE 0421; MAP NH 308; SAMPLER TAP; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 16/15/05/78

AIR TEMP(C) 36.0; LAT 29.666; LONG 104.155; UNIT CODE TETT; VEGETATION DECIDUOUS; MODERATE; RELIEF GENTLE

WATER LEVEL; BED MATERIAL; SAMPLE COLOR; -CL; SAMPLE ODOR NONE; RESULTS REQUESTED YES

CENTROID; LAT 6,000; LONG 0,000

GENERAL WATER: TREATMENT NONE; CONDUCTIVITY(MICROMHOS/CM) 900; DISSOLVED OXYGEN(PH) 17.9; WATER TEMP(C) -24.5

VISIBILITY(H) CLEAR; PH 7.7; TOTAL ALKALINITY(PH) 304; P ALKALINITY(PH) 45; M ALKALINITY(PH) 254

APPEARANCE CLEAR; DISCHARGE(L/M) 9.00; PRODUCING HORIZON TETT; CONFIDENCE PROBABLE; SOURCE GEO. INFERENCE

WELL WATER: TYPE DRILLED; PWR. CLASS. WIND; CASING STEEL; PIPE COMP. GALVANIZED; METERS FROM HEAD 0;

WATER PRESSURE TANK NONE; USE STOCK; PUMPING FREQ. FREQUENT; DEPTH TO PROD HORIZON 37; CONFID. OF PROD DEPTH POSSIBLE

SOURCE OF PROD. INFO. OWNER; WELL DEPTH(M) 37; CONFID. OF DEPTH HIGH; SOURCE OF DEPTH INFO OWNER

REMARKS: I-38 AERIAL PHOTO 28677 COLLECTED WATER FROM PIPE ABOVE CONCRETE HOLDING TANK 350. NORTH EAST OF HILLMILL; 1-78 JACK

BROWN & BOX 547 & HARFA. TX. 79843.

015065 SAMPLE TYPE STREAM SEDIMENT; SITE 0201; MAP NH 306; SAMPLER HMP; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 08/26/04/78

AIR TEMP(C) 26.0; LAT 29.580; LONG 104.379; UNIT CODE TETT; VEGETATION BRUSH; MODERATE; RELIEF GENTLE

WATER LEVEL; DRY; BED MATERIAL; SAMPLE COLOR; -BN; SAMPLE ODOR NONE; RESULTS REQUESTED NO

CENTROID; LAT 0,000; LONG 0,000

SEDIMENT INFORMATION; SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRABS 20; ORGANIC MATERIAL 0%

REMARKS: I-38 PRESIDIO SH(20) QUAD 7.5 MINUTE. SAMPLE TAKEN OVER A 50 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 50 METERS UPSTREAM FROM FARM ROAD 170.
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<th>32</th>
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<tr>
<td>015096 Sample Type Stream Sediment</td>
<td>Site 0202</td>
<td>HAP NH1308; Sampler JHF; Phase 2; Replicate</td>
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**Field Data:**
- **Sample Type:** Stream Sediment
- **Site:** 0202
- **HAP:** NH1308
- **Sampler:** JHF
- **Phase:** 2
- **Replicate:**
- **Time Sample Taken:** 06/26/04/78

**Air Temp:** 26.0°C
**Lat:** 29.592°
**Long:** 104.393°
**Unit Code:** GD
**Vegetation Brush:** Sparse
**Relief:** Gentle

**Weather Conditions:**
- Calm - Clear

**Remarks:**
- Starting 50 meters upstream from Farm Road 170.

**Sediment Information:**
- Sample Condition: Wet
- Sample Treatment: None
- No. Grabs: 18
- Organic Material: None

**Sediment Information:**
- Sample Condition: Wet
- Sample Treatment: None
- No. Grabs: 15
- Organic Material: None

**Remarks:**
- Starting 75 meters upstream from Farm Road 170.

**Sediment Information:**
- Sample Condition: Wet
- Sample Treatment: None
- No. Grabs: 15
- Organic Material: None

**Remarks:**
- Starting 50 meters upstream from Farm Road 170.

**Sediment Information:**
- Sample Condition: Dry
- Sample Treatment: None
- No. Grabs: 15
- Organic Material: None

**Remarks:**
- Starting 150 meters upstream from Farm Road 170.

**Sediment Information:**
- Sample Condition: Dry
- Sample Treatment: None
- No. Grabs: 18
- Organic Material: None

**Remarks:**
- Starting 40 meters upstream from Farm Road 170.

**Sediment Information:**
- Sample Condition: Dry
- Sample Treatment: None
- No. Grabs: 18
- Organic Material: None

**Remarks:**
- Starting 40 meters upstream from Farm Road 170.
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<td>SEDIMENT SITE</td>
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<td>CENTROID: LAT 0.000</td>
<td>LONG 0.000</td>
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**Remarks:**
- 015092: PRESIDIO NW (18) QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 600 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 55 METERS UPSTREAM FROM DIRT ROAD.
- 015093: PRESIDIO NW (19) QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 60 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 50 METERS UPSTREAM FROM DIRT ROAD.
- 015094: PRESIDIO SE (21) QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 50 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 60 METERS UPSTREAM FROM RAILROAD TRESTLE.
- 015095: PRESIDIO SE QUAD (21) SAMPLE TAKEN OVER A 40 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 50 METERS UPSTREAM FROM DIRT ROAD. 50 OTHER, RAILROAD TRESTLE 50 METERS UPSTREAM.
- 015096: CHIRALI PEAK SH 7.5 MINUTE SAMPLE TAKEN OVER A 50 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 50 METERS ABOVE UNMARKED DIRT ROAD CROSSING.

**Remarks:**
- 015092: Sample Type Stream Sediment Site 0208 MAP NH1306 Sampler, JHF, Phase 2, Replicate, Time Sample Taken 12/26/04 078.
- 015093: Sample Type Stream Sediment Site 0209 MAP NH1308 Sampler, JHF, Phase 2, Replicate, Time Sample Taken 14/26/04 078.
- 015094: Sample Type Stream Sediment Site 0210 MAP NH1308 Sampler, JHF, Phase 2, Replicate, Time Sample Taken 15/26/04 078.
- 015095: Sample Type Stream Sediment Site 0211 MAP NH1308 Sampler, JHF, Phase 2, Replicate, Time Sample Taken 16/27/04 78.
- 015096: Sample Type Stream Sediment Site 0212 MAP NH1308 Sampler, JHF, Phase 2, Replicate, Time Sample Taken 17/27/04 78.
FIELD DATA - PRESIDIO QUAD  

- WATER LEVEL: DRY  
  - BED MATERIAL: SAND  
  - SAMPLE COLOR: -BN  
  - SAMPLE ODOR: NONE  
  - RESULTS REQUESTED: NO

CENTROID: LAT 0.000 LONG 0.000

- SEDIMENT INFORMATION: SAMPLE CONDITION DRY  
  - SAMPLE TREATMENT: NONE  
  - NO. GRABS: 15  
  - ORGANIC MATERIAL: 0.1%  
  - REMARKS:  

1-3B CHINATI PEAK SH 7.5' MINUTE SAMPLE TAKEN FROM SOURCE, SURROUNDED BY A CEMENT RETAINER 2 METERS WEST OF FENCE.

015097  
SAMPLE TYPE: SPRING WATER  
SITE: 0213  
HAP NH130B  
SAMPLE: JHF  
PHASE: 2  
REPLICATE:  
TIME: SAMPLE TAKEN 13/27/04 20/04  
AIR TEMP (C): 28.0  
LAT: 29.787  
LONG: 104.460  
UNIT CODE: O  
VEGETATION BRUSH: SPARSE  
RELIEF: GENTLE  
WEATHER: LT HIND-CLEAR  
CONTAMINANTS: OTHER  
STREAM FLOW (M/SEC):  
HABITAT: WATER  
WATER TYPE: TREATMENT NONE  
PH: 7.1  
ORGANIC MATERIAL: 0.1%  
SATURATION:  
CENTROID: LAT 0.000 LONG 0.000  

GENERAL: TREATMENT UPSE  
CONDUCTIVITY (MICROMOS/CM): 1550  
DISTRIBUTED OXYGEN (PPM): 3.7  
WATER TEMP (C): 30.4  
VISIBILITY (M): CLEAR  
PH: 7.4  
LO-ION PAPER:  
TOTAL ALKALINITY (PPM): 470  
P H: 70  
M ALKALINITY (PPM): 390  
APPEARANCE: HURKY  
DISCHARGE (L/M): 4.00  
PRODUCING HORIZON: QUANT  
CONFIDENCE: PROBABLE  
SOURCE: GEO.  
INFERENCE:  

REMARKS:  
1-3B CHINATI PEAK SH 7.5' MINUTE SAMPLE TAKEN FROM SMALL WATERFALL 8 METERS BELOW SOURCE. 1-60, OTHER WATER SEEPS THROUGH GRASS AT SOURCE. COWS HAVE GRAZED AT THIS POINT.

015098  
SAMPLE TYPE: WELL WATER  
SITE: 0214  
HAP NH130B  
SAMPLE: JHF  
PHASE: 2  
REPLICATE:  
TIME: SAMPLE TAKEN 09/26/04 20/04  
AIR TEMP (C): 27.5  
LAT: 29.815  
LONG: 104.439  
UNIT CODE: Q  
VEGETATION BRUSH: SPARSE  
RELIEF MODERATE  
WEATHER: PT CLOD  
CONTAMINANTS: NONE  
STREAM FLOW (M/SEC):  
HABITAT: WATER  
WATER TYPE: TREATMENT NONE  
PH: 7.4  
ORGANIC MATERIAL: 0.1%  
SATURATION:  
CENTROID: LAT 0.000 LONG 0.000  

GENERAL: TREATMENT UPSE  
CONDUCTIVITY (MICROMOS/CM): 320  
DISTRIBUTED OXYGEN (PPM): 3.5  
WATER TEMP (C): 26.2  
VISIBILITY (M): CLEAR  
PH: 7.1  
LO-ION PAPER:  
TOTAL ALKALINITY (PPM): 170  
P H: 70  
M ALKALINITY (PPM): 85  
APPEARANCE: CLEAR  
DISCHARGE (L/M):  
PRODUCING HORIZON: QUANT  
CONFIDENCE: PROBABLE  
SOURCE: GEO.  
INFERENCE:  

REMARKS:  
1-3B CHINATI PEAK SH 7.5' MINUTE SAMPLE TAKEN FROM FAUCET ON PIPE 10 METERS TO THE WEST OF WELL NEAR RANCH HOUSE.

015099  
SAMPLE TYPE: SPRING WATER  
SITE: 0215  
HAP NH130B  
SAMPLE: JHF  
PHASE: 2  
REPLICATE:  
TIME: SAMPLE TAKEN 11/28/04 20/04  
AIR TEMP (C): 20.0  
LAT: 29.820  
LONG: 104.414  
UNIT CODE: T  
VEGETATION BRUSH: SPARSE  
RELIEF HIGH  
WEATHER: PT CLOD  
CONTAMINANTS: NONE  
STREAM FLOW (M/SEC):  
HABITAT: WATER  
WATER TYPE: TREATMENT NONE  
PH: 7.2  
ORGANIC MATERIAL: 0.1%  
SATURATION:  
CENTROID: LAT 0.000 LONG 0.000  

GENERAL: TREATMENT UPSE  
CONDUCTIVITY (MICROMOS/CM): 570  
DISTRIBUTED OXYGEN (PPM): 2.4  
WATER TEMP (C): 23.0  
VISIBILITY (M): CLEAR  
PH: 7.2  
LO-ION PAPER:  
TOTAL ALKALINITY (PPM): 170  
P H: 70  
M ALKALINITY (PPM): 85  
APPEARANCE: CLEAR  
DISCHARGE (L/M):  
PRODUCING HORIZON: QUANT  
CONFIDENCE: PROBABLE  
SOURCE: GEO.  
INFERENCE:  

REMARKS:  
1-3B CHINATI PEAK SH 7.5' MINUTE SAMPLE TAKEN FROM SOURCE, SURROUNDED BY A CEMENT RETAINER 2 METERS WEST OF FENCE.

015100  
SAMPLE TYPE: STREAM SEDIMENT  
SITE: 0216  
HAP NH130B  
SAMPLE: JHF  
PHASE: 2  
REPLICATE:  
TIME: SAMPLE TAKEN 09/29/04 20/04  
AIR TEMP (C): 27.5  
LAT: 29.664  
LONG: 104.331  
UNIT CODE: Q  
VEGETATION BRUSH: SPARSE  
RELIEF GENTLE  
WEATHER: CALM  
CONTAMINANTS: OTHER  
STREAM FLOW (M/SEC):  
HABITAT: WATER  
WATER TYPE: TREATMENT NONE  
PH: 7.1  
ORGANIC MATERIAL: 0.1%  
SATURATION:  
CENTROID: LAT 0.000 LONG 0.000  

SEDIMENT INFORMATION: SAMPLE CONDITION DRY  
SAMPLE TREATMENT: NONE  
NO. GRABS: 22  
ORGANIC MATERIAL: 0.1%  

P 3
FIELD DATA - PRESIDIO QUAD

REMARKS:

1-30 LA BOQUILLA QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 100 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 100 METERS UPSTREAM FROM HINDMILL.

015106 SAMPLE TYPE WELL WATER SITE 0217 MAP MH1308 SAMPLER JHF PHASE 2 REPLICATE TIME SAMPLE TAKEN 10/29/04 78.

AIR TEMP(C) 28.6 LAT 29.696 LONG 104.322; UNIT CODE 00; VEGETATION BRUSH; RELIEF MODERATE; HABITAT AT WIND PT: CLAY; CONTAMINANTS NONE; STREAM FLOW(HR/SEC) 0; WATER WIDTH(H) 0; WATER DEPTH(H) 0.


CENTROID: LAT 0.000 LON 0.000

GENERAL WATER: TREATMENT: NONE.

CONDUCTIVITY(MICROMhos/CM) 690; DISSOLVED OXYGEN(PPM) 2.0; HATER TEMP(C) 123.3

VISIBILITY(M) CLEAR: PH 6.8: LO-ION PAPER: TOTAL ALKALINITY(PPM) 240; TP ALKALINITY(PPM) 45; NH ALKALINITY(PPM) 244

APPEARANCE CLEAR: DISCHARGE(L/H) 0; PRODUCING HORIZON: CONFID. PROBABLE: SOURCE: GEOL. INFERENCE.


WATRESS TANK NONE: USE STOCK: PUMPING FREQUENT: DEPTH TO PROD HORIZON: 0: CONFID. OF PROD DEPTH POSSIBLE: SOURCE: PROD. INFO: GEOL. INFERENCE.

REMARKS:

1-30 LA BOQUILLA QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 70 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 50 METERS UPSTREAM FROM DIRT ROAD.

015103 SAMPLE TYPE STREAM SEDIMENT SITE 0219 MAP MH1308 SAMPLER JHF PHASE 2 REPLICATE TIME SAMPLE TAKEN 10/29/04 78.

AIR TEMP(C) 28.0; LAT 29.670 LONG 104.332; UNIT CODE 00; VEGETATION BRUSH: RELIEF GENTLE: HABITAT AT WIND PT: CLAY: CONTAMINANTS NONE: STREAM FLOW(HR/SEC) 0; WATER WIDTH(H) 0; WATER DEPTH(H) 0.


CENTROID: LAT 0.000 LON 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION: DAY: SAMPLE TREATMENT: NONE: NO: GRABS 20; ORGANIC MATERIAL: 0.1%

REMARKS:

1-30 LA BOQUILLA QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 50 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 33 METERS UPSTREAM FROM DIRT ROAD.

015104 SAMPLE TYPE WELL WATER SITE 0220 MAP MH1308 SAMPLER JHF PHASE 2 REPLICATE TIME SAMPLE TAKEN 10/29/04 78.

AIR TEMP(C) 28.5; LAT 29.713 LONG 104.317; UNIT CODE 00; VEGETATION MODERATE: RELIEF MODERATE: HABITAT AT WIND PT: CLAY: CONTAMINANTS NONE: STREAM FLOW(HR/SEC) 0; WATER WIDTH(H) 0; WATER DEPTH(H) 0.


CENTROID: LAT 0.000 LON 0.000

GENERAL WATER: TREATMENT: NONE.

CONDUCTIVITY(MICROMhos/CM) 560; DISSOLVED OXYGEN(PPM) 4.3; HATER TEMP(C) 24.6

VISIBILITY(M) CLEAR: PH 6.8: LO-ION PAPER: TOTAL ALKALINITY(PPM) 170; TP ALKALINITY(PPM) 45; NH ALKALINITY(PPM) 166

APPEARANCE CLEAR: DISCHARGE(L/H) 0; PRODUCING HORIZON: CONFID. PROBABLE: SOURCE: GEOL. INFERENCE.


WATRESS TANK NONE: USE STOCK: PUMPING FREQUENT: DEPTH TO PROD HORIZON: 0: CONFID. OF PROD DEPTH POSSIBLE: SOURCE: PROD. INFO: GEOL. INFERENCE.

REMARKS:
FIELD DATA - PRESIDIO QUAD

1-36 CA - BOQUILLA QUAD 7.5 MINUTE SAMPLE TAKEN FROM PIPE LEADING INTO HOLDING TANK 5 METERS NORTH OF WINDKILL.

015105 SAMPLE TYPE STREAM SEDIMENT : SITE 0211 : MAP NH 1308 : SAMPLER JHF : PHASE 2 : replicate1 : TIME SAMPLE TAKEN 11/29/04/78
AIR TEMP(C) + 29.5 ; LAT 29.717 ; LONG 104.333 ; UNIT CODE : 80 ; VEGETATION BRUSH / SPARSE ; RELIEF MODERATE
WEATHER : LT WIND-PT CLDY ; CONTAMINANTS : OTHER ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M)
WATER LEVEL : DRY ; BED MATERIAL : PEBBLE ; SAMPLE COLOR : LN ; SAMPLE ODOR : NONE ; RESULTS REQUESTED NO
CENTROID : LAT 0.000 ; LONG 0.000

SEDIMENT INFORMATION : SAMPLE CONDITION : DRY ; Sample treatment none ; No. GRABS : 20 ; ORGANIC MATERIAL ; 3
REMARKS : 1-36 LA BOQUILLA QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 50 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 700 METERS UPSTREAM FROM CITIBLO CREEK ; 1-60 JEEP TRAIL RUNS THRU THIS CHANNEL FOR THE LENGTH OF 1 MILE.

015106 SAMPLE TYPE STREAM SEDIMENT : SITE 0212 : MAP NH 1308 : SAMPLER JHF : PHASE 2 : replicate1 : TIME SAMPLE TAKEN 12/29/04/78
AIR TEMP(C) + 29.0 ; LAT 29.719 ; LONG 104.330 ; UNIT CODE : 80 ; VEGETATION BRUSH / SPARSE ; RELIEF MODERATE
WEATHER : LT WIND-PT CLDY ; CONTAMINANTS : NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M)
WATER LEVEL : DRY ; BED MATERIAL : PEBBLE ; SAMPLE COLOR : LN ; SAMPLE ODOR : NONE ; RESULTS REQUESTED NO
CENTROID : LAT 0.000 ; LONG 0.000

SEDIMENT INFORMATION : SAMPLE CONDITION : DRY ; Sample treatment none ; No. GRABS : 20 ; ORGANIC MATERIAL ; 3
REMARKS : 1-36 LA BOQUILLA QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 50 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 1 KILOMETER UPSTREAM FROM PARO WITH ARBOYO TINGUA ESCHORAO.

015107 SAMPLE TYPE SPRING WATER : SITE 0223 : MAP NH 1308 : SAMPLER JHF : PHASE 2 : replicate1 : TIME SAMPLE TAKEN 13/29/04/78
AIR TEMP(C) + 29.0 ; LAT 29.720 ; LONG 104.330 ; UNIT CODE : 80 ; VEGETATION BRUSH / SPARSE ; RELIEF LOW
WEATHER : LT WIND-PT CLDY ; CONTAMINANTS : NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M)
WATER LEVEL : DRY ; BED MATERIAL : PEBBLE ; SAMPLE COLOR : LN ; SAMPLE ODOR : NONE ; RESULTS REQUESTED NO
CENTROID : LAT 0.000 ; LONG 0.000

GENERAL WATER : TREATMENT NONE ; CONDUCTIVITY(MICROMOhMS/CM) : 330 ; DISSOLVED OXYGEN (PPH) : 5.3 ; WATER TEMP(C) : 22.4
VISIBILITY(M) CLEAR ; PH : 7.5 ; LO-ION PAPER : TOTAL ALKALINITY(PH) : 220 ; P ALKALINITY(PH) : 45 ; M ALKALINITY(PH) : 175
APPEARANCE CLEAR ; DISCHARGE(L/M) ; PRODUCING HORIZON : KT ; CONFIDENCE PROBABLE ; SOURCE GEOL. INFEERENCE
REMARKS : 1-36 LA BOQUILLA QUAD 7.5 MINUTE SAMPLE TAKEN FROM STANDING POND AT SPRING SOURCE.

015108 SAMPLE TYPE STREAM SEDIMENT : SITE 0224 : MAP NH 1308 : SAMPLER JHF : PHASE 2 : replicate1 : TIME SAMPLE TAKEN 14/29/04/78
AIR TEMP(C) + 29.5 ; LAT 29.757 ; LONG 104.330 ; UNIT CODE : 80 ; VEGETATION BRUSH / SPARSE ; RELIEF GENTLE
WEATHER : LT WIND-PT CLDY ; CONTAMINANTS : NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M)
WATER LEVEL : DRY ; BED MATERIAL : PEBBLE ; SAMPLE COLOR : 1RD-BN ; SAMPLE ODOR : NONE ; RESULTS REQUESTED NO
CENTROID : LAT 0.000 ; LONG 0.000

Sediment Information : Sample Condition : Dry ; Sample Treatment None ; No. Grabs : 25 ; Organic Material : 0%
Remarks : 1-36 LA BOQUILLA QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 50 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 50 METERS UPSTREAM FROM DIAT ROAD.

015109 SAMPLE TYPE HELL WATER : SITE 0225 : MAP NH 1308 : SAMPLER JHF : PHASE 2 : replicate1 : TIME SAMPLE TAKEN 15/29/04/78
AIR TEMP(C) + 29.5 ; LAT 29.633 ; LONG 104.333 ; UNIT CODE : 80 ; VEGETATION BRUSH / SPARSE ; RELIEF GENTLE
WEATHER : LT WIND-PT CLDY ; CONTAMINANTS : NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M)
WATER LEVEL : DRY ; BED MATERIAL : PEBBLE ; SAMPLE COLOR : LN ; SAMPLE ODOR : NONE ; RESULTS REQUESTED NO
CENTROID : LAT 0.000 ; LONG 0.000

GENERAL WATER : TREATMENT NONE ; CONDUCTIVITY(MICROMOhMS/CM) : 260 ; DISSOLVED OXYGEN (PPH) : 3.3 ; WATER TEMP(C) : 26.6
VISIBILITY(M) CLEAR ; PH : 8.9 ; LO-ION PAPER : TOTAL ALKALINITY(PH) : 240 ; P ALKALINITY(PH) : 72 ; M ALKALINITY(PH) : 172
APPEARANCE CLEAR ; DISCHARGE(L/M) ; PRODUCING HORIZON : KT ; CONFIDENCE PROBABLE ; SOURCE GEOL. INFEERENCE
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**Well Water:** Type Drilled | Par. Class: Wind | Casing Galvanized | Pipe Comp. Steel | Meters from Head: 0

**Water Pressure Tank:** Name: Stock | Use Stock: Pumping Frequent | Depth to Prod. Horizon: 10 | Confid. of Prod. Depth: Possible

| Source of Prod.: Info. Geol. | **Inference:** Well Depth: 10 | Confid. of Depth: Possible | Source of Depth: Info. Geol. | **Inference:** Remarks:

- LA Bquitoa Quad 7.5 Minute, Sample Taken from Water Dripping Directly from Well Head, as Pipe Flows Underground

**Site:** 0226 | **MAP:** NH1308 | **SAMPLER:** JHF | **PHASE:** 2 | **REPLICATE:** TIME SAMPLE TAKEN 16/29/78

**Air Temp:** 20.0 | **LAT:** 29.631 | **LONG:** 104.258 | **Unit Code:** GD | **Vegetation Brush:** Sparse | **REMARKS:**

| **Weather:** LT Wind: PT Cloud | **Contaminants:** None | **Stream Flow:** (m/sec) | **Water Width:** (m) | **Water Depth:** (m) | **Water Level:** | **Bed Material:** | **Sample Color:** M-OR-BN | **Sample Odor:** None | **Results Requested:** No

| **Centroid:** Lat: 0.000 | Long: 0.000 |

**General Water:** Treatment None | **Conductivity (uMhos/cm):** 1 | **Dissolved Oxygen:** (ppm) | 3.1 | **Water Temp:** (°C) 31.0

**Visibility:** (m) Clear | **pH:** 6.7 | **LO-ION Paper:** | **Total Alkalinity:** (ppm) 232 | **P Alkalinity:** (ppm) 5 | **M Alkalinity:** (ppm) 228

| **Appearance Clear:** | **Discharge:** (l/min) | **Producing Horizon:** | **Confid.: Probable:** | **Source Geol.: Inference:** | **Remarks:**

- LA Bquitoa Quad 7.5 Minute, Sample Taken from Faucet from Underground Pipe Leading from Well Head:

**Site:** 0227 | **MAP:** NH3308 | **SAMPLER:** JHF | **PHASE:** 2 | **REPLICATE:** TIME SAMPLE TAKEN 09/21/78

**Air Temp:** 20.5 | **LAT:** 29.527 | **LONG:** 104.974 | **Unit Code:** GD | **Vegetation Brush:** Sparse | **REMARKS:**

| **Weather:** LT Wind: Clear | **Contaminants:** None | **Stream Flow:** (m/sec) | **Water Width:** (m) | **Water Depth:** (m) | **Water Level:** | **Bed Material:** | **Sample Color:** L-YL | **Sample Odor:** None | **Results Requested:** No

| **Centroid:** Lat: 0.000 | Long: 0.000 |

**General Water:** Treatment None | **Conductivity (uMhos/cm):** 10 | **Dissolved Oxygen:** (ppm) | 7.2 | **Water Temp:** (°C) 26.1

**Visibility:** (m) Clear | **pH:** 5.6 | **LO-ION Paper:** | **Total Alkalinity:** (ppm) 232 | **P Alkalinity:** (ppm) 5 | **M Alkalinity:** (ppm) 238

| **Appearance Clear:** | **Discharge:** (l/min) 5.0 | **Producing Horizon:** | **Confid.: Probable:** | **Source Geol.: Inference:** | **Remarks:**

- LA Bquitoa Quad 7.5 Minute, Sample Taken from Pipe Leading from Well Head:

**Site:** 0228 | **MAP:** NH3308 | **SAMPLER:** JHF | **PHASE:** 2 | **REPLICATE:** TIME SAMPLE TAKEN 10/01/78

**Air Temp:** 20.8 | **LAT:** 29.982 | **LONG:** 104.680 | **Unit Code:** GD | **Vegetation Brush:** Sparse | **REMARKS:**

| **Weather:** LT Wind: Clear | **Contaminants:** None | **Stream Flow:** (m/sec) | **Water Width:** (m) | **Water Depth:** (m) | **Water Level:** | **Bed Material:** | **Sample Color:** -CL | **Sample Odor:** None | **Results Requested:** No

| **Centroid:** Lat: 0.000 | Long: 0.000 |

**General Water:** Treatment None | **Conductivity (uMhos/cm):** 10 | **Dissolved Oxygen:** (ppm) | 7.3 | **Water Temp:** (°C) 25.6

**Visibility:** (m) Clear | **pH:** 7.1 | **LO-ION Paper:** | **Total Alkalinity:** (ppm) 700 | **P Alkalinity:** (ppm) 5 | **M Alkalinity:** (ppm) 690

| **Appearance Clear:** | **Discharge:** (l/min) 10.0 | **Producing Horizon:** | **Confid.: Probable:** | **Source Geol.: Inference:** | **Remarks:**

- LA Bquitoa Quad 7.5 Minute, Sample Taken from Faucet Leading from Pressure Tank 1 Meter from Well Head; 3-25

**Pressure Tank:** Has Connected Directly to Well casing and has only available source in the vicinity.
### Field Data - Presidio Quad

**041513** Sample Type: Stream Sediment  | Site: 0231 | Map NH1308 | Sampler: JHF | Phase 2 | Replicate | Time Sample Taken: 11/01/05/78

- **Air Temp (°C)**: 29.5 | **Lat**: 29.962 | **Long**: 104.672 | **Unit Code**: QD | **Vegetation**: Brush | **Sampling Site**: Presidio
- **Weather (L/W)**: Clear | **Contaminants**: None | **Stream Flow (m/sec)**: | **Habitat Width (m)**: | **Water Depth (m)**: 6.287

- **Water Level**: Dry | **Bed Material**: Pebble | **Sample Color**: Brown | **Sample Size**: None | **Results Requested No**
- **Centroid**: Lat 0.000 Long 0.000

**Sediment Information:**
- **Sample Condition Dry**: Yes
- **Sample Treatment**: None
- **No. Grabs**: 20
- **Organic Material**: 0%

**Remarks:**
- Sample taken over a 60 meter interval going upstream along center of channel.
- Starting 25 meters upstream from Farm Road 170.

**Field Data - Presidio Quad**

**041514** Sample Type: Stream Sediment  | Site: 0230 | Map NH1308 | Sampler: JHF | Phase 2 | Replicate | Time Sample Taken: 12/01/05/78

- **Air Temp (°C)**: 29.5 | **Lat**: 29.962 | **Long**: 104.667 | **Unit Code**: QD | **Vegetation**: Brush | **Sampling Site**: Presidio
- **Weather (L/W)**: Clear | **Contaminants**: None | **Stream Flow (m/sec)**: | **Habitat Width (m)**: | **Water Depth (m)**: 7.5

- **Water Level**: Dry | **Bed Material**: Pebble | **Sample Color**: Brown | **Sample Size**: None | **Results Requested No**
- **Centroid**: Lat 0.000 Long 0.000

**Sediment Information:**
- **Sample Condition Dry**: Yes
- **Sample Treatment**: None
- **No. Grabs**: 20
- **Organic Material**: 0%

**Remarks:**
- Sample taken over a 65 meter interval going upstream along center of channel starting 70 meters upstream from Farm Road 170.

**Field Data - Presidio Quad**

**041515** Sample Type: Well Water  | Site: 0231 | Map NH1308 | Sampler: JHF | Phase 2 | Replicate | Time Sample Taken: 13/01/05/78

- **Air Temp (°C)**: 30.0 | **Lat**: 29.950 | **Long**: 104.667 | **Unit Code**: QD | **Vegetation**: Brush | **Sampling Site**: Presidio
- **Weather (L/W)**: Clear | **Contaminants**: None | **Stream Flow (m/sec)**: | **Habitat Width (m)**: | **Water Depth (m)**: 3.195

- **Water Level**: Dry | **Bed Material**: Pebble | **Sample Color**: Clay | **Sample Size**: None | **Results Requested No**
- **Centroid**: Lat 0.000 Long 0.000

**General Water:**
- **Conductivity (micromhos/cm)**: 1640 | **Dissolved Oxygen (ppm)**: 2.5 | **Water Temp (°C)**: 26.0 | **Visibility (m)**: Clear | **pH**: 7.2 | **Total Alkalinity (ppm)**: 391 | **Total Alkalinity (ppm)**: 25 | **Total Alkalinity (ppm)**: 682

**Appearance Clear**: | **Discharge (l/m)**: 12.00 | **Producing Horizon**: QD | **Confidence**: Probable | **Source Geol. Inference**: Well

**Well Water:**
- **Type**: Dig | **PHR Class**: Wind | **Casing Galvanized**: Pipe Comp. Plastic | **Meters from Head**: 0
- **Wtr Pressure Tank**: None | **Use Stock**: Pumps Freq Frequent | **Depth to Prod Horizon**: 10 | **Conf. Of Prod Depth**: Possible | **Source of Prod. Info Geol. Inference**: Water Depth (m) 10 | **Conf. Of Depth**: Possible | **Source of Depth**: Info Geol. Inference

**Remarks:**
- Sample taken from a plastic pipe leaving from well head to holding tank.

**Field Data - Presidio Quad**

**041516** Sample Type: Stream Sediment  | Site: 0232 | Map NH1308 | Sampler: JHF | Phase 2 | Replicate | Time Sample Taken: 14/01/05/78

- **Air Temp (°C)**: 30.5 | **Lat**: 29.944 | **Long**: 104.669 | **Unit Code**: QD | **Vegetation**: Brush | **Sampling Site**: Presidio
- **Weather (L/W)**: Clear | **Contaminants**: None | **Stream Flow (m/sec)**: | **Habitat Width (m)**: | **Water Depth (m)**: 6.287

- **Water Level**: Dry | **Bed Material**: Pebble | **Sample Color**: Brown | **Sample Size**: None | **Results Requested No**
- **Centroid**: Lat 0.000 Long 0.000

**Sediment Information:**
- **Sample Condition Dry**: Yes
- **Sample Treatment**: None
- **No. Grabs**: 20
- **Organic Material**: 0%

**Remarks:**
- Sample taken over a 60 meter interval going upstream along center of channel.
- Starting 75 meters downstream from ford in Channel.

**Field Data - Presidio Quad**

**041517** Sample Type: Stream Sediment  | Site: 0233 | Map NH1308 | Sampler: JHF | Phase 2 | Replicate | Time Sample Taken: 15/01/05/78

- **Air Temp (°C)**: 31.0 | **Lat**: 29.931 | **Long**: 104.614 | **Unit Code**: QD | **Vegetation**: Brush | **Sampling Site**: Presidio
- **Weather (L/W)**: Clear | **Contaminants**: None | **Stream Flow (m/sec)**: | **Habitat Width (m)**: | **Water Depth (m)**: 6.287

- **Water Level**: Dry | **Bed Material**: Sand | **Sample Color**: Brown | **Sample Size**: None | **Results Requested No**
- **Centroid**: Lat 0.000 Long 0.000

**Sediment Information:**
- **Sample Condition Dry**: Yes
- **Sample Treatment**: None
- **No. Grabs**: 10
- **Organic Material**: 0%
REMARKS:

1-38 SIERRA PARDA QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 50 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 49 METERS UPSTREAM FROM DIRT ROAD CROSSING:

Q1518 SAMPLE TYPE WELL WATER ; SITE 0234 ; MAP NH1308 ; SAMPLER JHF ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 16/01/05/78
AIR TEMP(C)+ 30.0 ; LAT 29.957 ; LONG 104.465 ; UNIT CODE QD ; VEGETATION BRUSH ; SPARSE ; RELIEF MILD
WEATHER LT WIND-PT CLDY ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M)
WATER LEVEL DRY ; BED MATERIAL SAND ; SAMPLE COLOR ; CL ; SAMPLE ODOR NONE ; RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
GENERAL WATER TREATMENT NONE
APPEARANCE CLEAR ; PH 7.5 ; LO-ION PAPER ; TOTAL ALKALINITY(MMOL) 176 ; P ALKALINITY(MMOL) 45 ; H ALKALINITY(MMOL) 182
CONDUCTIVITY(MICROMOS/M) 310 ; DISSOLVED OXYGEN(PPM) 5.7 ; WATER TEMP(C)+ 22.7
VISIBILITY(M) CLEAR ; SOURCE OF PROD INFO GEOL. INference ; WELL DEPTH(M) 10 ; CONFID. OF PROD DEPTH POSSIBLE ; SOURCE OF DEPTH INFO GEOL. INference
THE ONLY ONE IN VICINITY, AND HOLDING TANK HAS ONLY POSSIBLE PLACE TO TAKE SAMPLE:

Q1519 SAMPLE TYPE STREAM SEDIMENT ; SITE 0235 ; MAP NH1308 ; SAMPLER JHF ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 16/01/05/78
AIR TEMP(C)+ 30.0 ; LAT 29.950 ; LONG 104.608 ; UNIT CODE TI ; VEGETATION BRUSH ; SPARSE ; RELIEF MILD
WEATHER LT WIND-PT CLDY ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M)
WATER LEVEL DRY ; BED MATERIAL SAND ; SAMPLE COLOR ; BN ; SAMPLE ODOR NONE ; RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
SEDIMENT INFORMATION : SAMPLE CONDITION DRY ; SAMPLE TREATMENT NONE ; NO. GRABS 22 ; ORGANIC MATERIAL 02%
REMARKS:

1-38 SIERRA PARDA QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 65 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 100 METERS UPSTREAM FROM FORK WITH LARGE WASH:

Q1520 SAMPLE TYPE STREAM SEDIMENT ; SITE 0236 ; MAP NH1308 ; SAMPLER JHF ; PHASE G ; REPLICATE ; TIME SAMPLE TAKEN 17/01/05/78
AIR TEMP(C)+ 29.0 ; LAT 29.950 ; LONG 104.609 ; UNIT CODE QD ; VEGETATION BRUSH ; SPARSE ; RELIEF MILD
WEATHER LT WIND-PT CLDY ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M)
WATER LEVEL DRY ; BED MATERIAL COBBLE ; SAMPLE COLOR ; L-BN ; SAMPLE ODOR NONE ; RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
SEDIMENT INFORMATION : SAMPLE CONDITION DRY ; SAMPLE TREATMENT NONE ; NO. GRABS 22 ; ORGANIC MATERIAL 02%
REMARKS:

1-38 SIERRA PARDA QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 50 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 300 METERS DUE EAST OF WINDMILL:

Q1521 SAMPLE TYPE STREAM SEDIMENT ; SITE 0237 ; MAP NH1308 ; SAMPLER JHF ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 18/01/05/78
AIR TEMP(C)+ 29.0 ; LAT 29.941 ; LONG 104.650 ; UNIT CODE QD ; VEGETATION BRUSH ; SPARSE ; RELIEF MILD
WEATHER LT WIND-PT CLDY ; CONTAMINANTS NONE ; STREAM FLOW(M/SEC) ; WATER WIDTH(M) ; WATER DEPTH(M)
WATER LEVEL DRY ; BED MATERIAL PEBBLE ; SAMPLE COLOR ; L-BN ; SAMPLE ODOR NONE ; RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
SEDIMENT INFORMATION : SAMPLE CONDITION DRY ; SAMPLE TREATMENT NONE ; NO. GRABS 20 ; ORGANIC MATERIAL 2%
REMARKS:

1-38 RUT100S7 5W (1) QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 50 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 50 METERS UPSTREAM FROM FARM ROAD J0:

Q1523 SAMPLE TYPE WELL WATER ; SITE 0238 ; MAP NH1308 ; SAMPLER JHF ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 09/02/05/78
AIR TEMP(C)+ 29.0 ; LAT 29.564 ; LONG 104.372 ; UNIT CODE QD ; VEGETATION BRUSH ; SPARSE ; RELIEF LOW
FIELD DATA - PRESIDIO QUAD

<table>
<thead>
<tr>
<th>WEATHER</th>
<th>WIND</th>
<th>CONTAMINANTS</th>
<th>STREAM FLOW(M/SEC)</th>
<th>WATER WIDTH(M)</th>
<th>WATER DEPTH(M)</th>
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</thead>
<tbody>
<tr>
<td>CLEAR</td>
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<td>NONE</td>
<td>0.000</td>
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</tbody>
</table>

GENERAL WATER: TREATMENT NONE

CONDUCTIVITY(µCMHO/CM) 890 | DISSOLVED OXYGEN(PPM) 4.1 | WATER TEMP(°C) 24.5
VISIBILITY(M) CLEAR | PH 5.8 | I-ION PAPER | TOTAL ALKALINITY(PPM) 236 | P ALKALINITY(PPM) 45 | M ALKALINITY(PPM) 236
APPEARANCE CLEAR | DISCHARGE(L/HR) | Producing Horizon QD | Confidence Probable | Source Geol. Inference

WELL WATER: TYPE DUG | PHR CLASS: WIND | CASING GALVANIZED | PIPE COMP. GALVANIZED | METERS FROM HEAD
WATER PRESSURE TANK AFTER: USE: STOCK IRRIG. | PUMPING FREQ: FREQUENT | DEPTH TO PROD HORIZON | 7 | CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER | WELL DEPTH(M) 9 | CONFID. DEPTH HIGH | SOURCE OF DEPTH INFO OWNER
REMARKS | 1-38 PRESIDIO SE (20) | QUAD 7.5 MINUTE | SAMPLE TAKEN FROM PIPE LEADING OUT OF HOLDING TANK

015124 SAMPLE TYPE WELL WATER

<table>
<thead>
<tr>
<th>SITE</th>
<th>HAP NH1308</th>
<th>SAMPLER JHF</th>
<th>PHASE 2</th>
<th>REPLICATE</th>
<th>TIME</th>
<th>SAMPLE TAKEN 11/02/078</th>
</tr>
</thead>
</table>
| 0239 | AIR TEMP(°C) 29.5 | LAT 29.534 | LONG 104.302 | UNIT CODE 0D | VEGETATION BRUSH | SPARSE | RELIEF GENTLE
| WEATHER | LT WIND | CLEAR | OTHER | STREAM FLOW(M/SEC) | WATER WIDTH(M) | WATER DEPTH(M) |
| CLEAR | CLEAR | NONE | 0.000 | 0.000 | 0.000 |

GENERAL WATER: TREATMENT NONE

CONDUCTIVITY(µCMHO/CM) 960 | DISSOLVED OXYGEN(PPM) 3.6 | WATER TEMP(°C) 24.5
VISIBILITY(M) CLEAR | PH 6.9 | I-ION PAPER | TOTAL ALKALINITY(PPM) 316 | P ALKALINITY(PPM) 5 | M ALKALINITY(PPM) 320
APPEARANCE CLEAR | DISCHARGE(L/HR) | 1.50 | Producing Horizon QD | Confidence Probable | Source Geol. Inference

WELL WATER: TYPE DUG | PHR CLASS: ELECTRIC | CASING GALVANIZED | PIPE COMP. GALVANIZED | METERS FROM HEAD
WATER PRESSURE TANK AFTER: USE: HOUSEHOLD | PUMPING FREQ: FREQUENT | DEPTH TO PROD HORIZON | 7 | CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER | WELL DEPTH(M) 9 | CONFID. DEPTH HIGH | SOURCE OF DEPTH INFO OWNER
REMARKS | 1-38 PRESIDIO SE (21) | QUAD 7.5 MINUTE | SAMPLE TAKEN FROM PIPE LEADING FROM PRESSURE TANK IN OPEN AIR SHELTER

015125 SAMPLE TYPE WELL WATER

<table>
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<tr>
<th>SITE</th>
<th>HAP NH1308</th>
<th>SAMPLER JHF</th>
<th>PHASE 2</th>
<th>REPLICATE</th>
<th>TIME</th>
<th>SAMPLE TAKEN 12/02/078</th>
</tr>
</thead>
</table>
| 0240 | AIR TEMP(°C) 29.5 | LAT 29.555 | LONG 104.276 | UNIT CODE 0D | VEGETATION BRUSH | SPARSE | RELIEF GENTLE
| WEATHER | LT WIND | CLEAR | OTHER | STREAM FLOW(M/SEC) | WATER WIDTH(M) | WATER DEPTH(M) |
| CLEAR | CLEAR | NONE | 0.000 | 0.000 | 0.000 |

GENERAL WATER: TREATMENT NONE

CONDUCTIVITY(µCMHO/CM) 1020 | DISSOLVED OXYGEN(PPM) 3.7 | WATER TEMP(°C) 24.7
VISIBILITY(M) CLEAR | PH 7.3 | I-ION PAPER | TOTAL ALKALINITY(PPM) 240 | P ALKALINITY(PPM) 5 | M ALKALINITY(PPM) 238
APPEARANCE CLEAR | DISCHARGE(L/HR) | Producing Horizon QD | Confidence Probable | Source Geol. Inference

WELL WATER: TYPE DUG | PHR CLASS: ELECTRIC | CASING GALVANIZED | PIPE COMP. GALVANIZED | METERS FROM HEAD
WATER PRESSURE TANK NONE | USE: IRRIGATION | PUMPING FREQ: CONSTANT | DEPTH TO PROD HORIZON | 7 | CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER | WELL DEPTH(M) 9 | CONFID. DEPTH HIGH | SOURCE OF DEPTH INFO OWNER
REMARKS | 1-38 PRESIDIO SH 21 | 7.5 MINUTE | SAMPLE TAKEN FROM 4 INCH PIPE LEADING OUT OF WELL ADJACENT TO SHED | 1-60 FIELDS
SURROUNDING THIS WELL ARE HEAVILY FERTILIZED

015126 SAMPLE TYPE WELL WATER

<table>
<thead>
<tr>
<th>SITE</th>
<th>HAP NH1308</th>
<th>SAMPLER JHF</th>
<th>PHASE 2</th>
<th>REPLICATE</th>
<th>TIME</th>
<th>SAMPLE TAKEN 14/02/078</th>
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</thead>
</table>
| 0241 | AIR TEMP(°C) 30.5 | LAT 29.595 | LONG 104.412 | UNIT CODE 0D | VEGETATION BRUSH | SPARSE | RELIEF GENTLE
| WEATHER | LT WIND | PT CLAY | CONTAMINANTS | NONE | STREAM FLOW(M/SEC) | WATER WIDTH(M) | WATER DEPTH(M) |
| CLEAR | CLEAR | NONE | 0.000 | 0.000 | 0.000 |

GENERAL WATER: TREATMENT NONE

CONDUCTIVITY(µCMHO/CM) 770 | DISSOLVED OXYGEN(PPM) 1.7 | WATER TEMP(°C) 25.2
VISIBILITY(M) CLEAR | PH 7.1 | I-ION PAPER | TOTAL ALKALINITY(PPM) 176 | P ALKALINITY(PPM) 5 | M ALKALINITY(PPM) 170
APPEARANCE CLEAR | DISCHARGE(L/HR) | Producing Horizon QD | Confidence Probable | Source Geol. Inference
## FIELD DATA - PRESIDIO QUAD

**WELL WATER:** TYPE DUG | PAR CLASS: ELECTRIC | Casing OTHER | PIPE COMP. GALVANIZED | METERS FROM HEAD

<table>
<thead>
<tr>
<th>WRT PRESSURE TANK AFTER</th>
<th>USE STOCK/IRRIG.</th>
<th>PUMPING FREQ FREQUENT</th>
<th>DEPTH TO PROD HORIZON</th>
<th>CONFID. OF PROD DEPTH PROBABLE</th>
<th>SOURCE OF PROD. INFO GEOL. INFERENCE</th>
<th>HELL DEPTH</th>
<th>HELL DEPTH</th>
<th>CONFID. OF PROD DEPTH HIGH</th>
<th>SOURCE OF DEPTH INFO USER</th>
<th>REMARKS</th>
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</tbody>
</table>

**REMARKS:**
- 1-30 PRESIDIO SH (20) QUAD 7.5 MINUTE SAMPLE TAKEN FROM FAUCET ON PIPE LEADING FROM PRESSURE TANK 75 METERS WEST OF BARN. 3-20 CEMENT CASING.

<table>
<thead>
<tr>
<th>SITE 0212</th>
<th>HAP NH1308</th>
<th>SAMPLER JHF</th>
<th>PHASE 2</th>
<th>REPLICATE</th>
<th>TIME SAMPLE TAKEN 15/02/09/78</th>
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<tbody>
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<td>STREAM FLOW(M/SEC)</td>
<td>WATER WIDTH(M)</td>
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<tr>
<td>HELL LEVEL</td>
<td>MINUTE; SAMPLER TAKEN FROM PLASTIC PIPE LEADING INTO HOLDING TANK 400 METERS WEST OF BARN</td>
<td>WATER TEMP</td>
<td>DISCHARGE(L/H)</td>
<td>Producing Algal</td>
<td>Producing Horizon QD</td>
</tr>
<tr>
<td>CENTROID</td>
<td>LAT</td>
<td>0.000</td>
<td>LONG</td>
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</tbody>
</table>

**GENERAL WATER:** TREATMENT NONE | CONDUCTIVITY(MICROMOS/CMS/M) | 3760 | DISSOLVED OXYGEN (PPM) | 7.5 | WATER TEMP(C) | +24.6 |
| VISIBILITY(H) | L | PH | 7.3 | LO-ION PAPER | TOTAL ALKALINITY (PPM) | 238 | P ALKALINITY (PPM) | 35 | H ALKALINITY (PPM) | 232 |
| APPEARANCE CLEAR | DISCHARGE(L/H) | 3.00 | Producing Horizon QD | CONFIDENCE PROBABLE | SOURCE GEOL. INFERENCE |

<table>
<thead>
<tr>
<th>SITE 0212</th>
<th>HAP NH1308</th>
<th>SAMPLER JHF</th>
<th>PHASE 2</th>
<th>REPLICATE</th>
<th>TIME SAMPLE TAKEN 12/03/09/78</th>
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<tr>
<td>AIR TEMP(C)</td>
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<td>LAT 29.826</td>
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<td>WEATHER</td>
<td>PT CLOD</td>
<td>CONTAMINANTS</td>
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<td>STREAM FLOW(M/SEC)</td>
<td>WATER WIDTH(M)</td>
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<tr>
<td>HELL LEVEL</td>
<td>MINUTE; SAMPLER TAKEN FROM PLASTIC PIPE LEADING INTO HOLDING TANK 250 METERS SOUTHWEST OF FARM HOUSE</td>
<td>WATER TEMP</td>
<td>DISCHARGE(L/H)</td>
<td>Producing Algal</td>
<td>Producing Horizon QD</td>
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<tr>
<td>CENTROID</td>
<td>LAT</td>
<td>0.000</td>
<td>LONG</td>
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</table>

**GENERAL WATER:** TREATMENT NONE | CONDUCTIVITY(MICROMOS/CMS/M) | 1340 | DISSOLVED OXYGEN (PPM) | 2.7 | WATER TEMP(C) | +26.5 |
| VISIBILITY(H) | L CLEAR | PH | 9.9 | LO-ION PAPER | TOTAL ALKALINITY (PPM) | 172 | P ALKALINITY (PPM) | 45 | H ALKALINITY (PPM) | 168 |
| APPEARANCE CLEAR | DISCHARGE(L/H) | 3.00 | Producing Horizon QD | CONFIDENCE PROBABLE | SOURCE GEOL. INFERENCE |

**REMARKS:**
- 1-30 RUIDOSA I NW 17 QUAD 7.5 MINUTE SAMPLE TAKEN FROM PLASTIC PIPE LEADING INTO HOLDING TANK 250 METERS SOUTHWEST OF FARM HOUSE.

<table>
<thead>
<tr>
<th>SITE 0212</th>
<th>HAP NH1308</th>
<th>SAMPLER JHF</th>
<th>PHASE 2</th>
<th>REPLICATE</th>
<th>TIME SAMPLE TAKEN 14/03/09/78</th>
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</thead>
<tbody>
<tr>
<td>AIR TEMP(C)</td>
<td>25.5</td>
<td>LAT 29.909</td>
<td>LONG 104.657</td>
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<tr>
<td>WEATHER</td>
<td>LT WIND-PT CLOD</td>
<td>CONTAMINANTS</td>
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<td>STREAM FLOW(M/SEC)</td>
<td>WATER WIDTH(M)</td>
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<tr>
<td>HELL LEVEL</td>
<td>MINUTE; SAMPLER TAKEN FROM PLASTIC PIPE LEADING INTO HOLDING TANK 4 METERS EAST OF WELL HEAD</td>
<td>WATER TEMP</td>
<td>DISCHARGE(L/H)</td>
<td>Producing Algal</td>
<td>Producing Horizon QD</td>
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<tr>
<td>CENTROID</td>
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<td>LONG</td>
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</tbody>
</table>

**REMARKS:**
- 1-30 RUIDOSA I SE QUAD 7.5 MINUTE SAMPLE TAKEN FROM PLASTIC PIPE LEADING INTO HOLDING TANK 4 METERS EAST OF WELL HEAD. 3-20 CEMENT CASING.

<table>
<thead>
<tr>
<th>SITE 0214</th>
<th>HAP NH1308</th>
<th>SAMPLER JHF</th>
<th>PHASE 2</th>
<th>REPLICATE</th>
<th>TIME SAMPLE TAKEN 14/03/09/78</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR TEMP(C)</td>
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<td>WATER WIDTH(M)</td>
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<tr>
<td>HELL LEVEL</td>
<td>MINUTE; SAMPLER TAKEN FROM PLASTIC PIPE LEADING INTO HOLDING TANK 4 METERS EAST OF WELL HEAD</td>
<td>WATER TEMP</td>
<td>DISCHARGE(L/H)</td>
<td>Producing Algal</td>
<td>Producing Horizon QD</td>
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<tr>
<td>CENTROID</td>
<td>LAT</td>
<td>0.000</td>
<td>LONG</td>
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</table>

**REMARKS:**
- 1-30 RUIDOSA I NW (11) QUAD 7.5 MINUTE SAMPLE TAKEN FROM PLASTIC PIPE LEADING INTO HOLDING TANK FROM WELL 400 METERS.
FIELD DATA - PRESIDIO QUAD

NORTHWEST OF FARM HOUSE:

015130 SAMPLE TYPE: HELD WATER

SITE: 0244 ; MAP NH1308 ; SAMPLER: HIB ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 1/10/05/78
AIR TEMP(C): 31.0 ; LAT 29.676 ; LONG 104.030 ; UNIT CODE: TETT ; VEGETATION: BRUSH ; SPARSE ; RELIEF: GENTLE
WEATHER: LT WIND-PT CLDY ; CONTAMINANTS: NONE ; STREAM FLOW(M/SEC): ; WATER WIDTH(M): ; WATER DEPTH(M): ; WATER LEVEL: ; BED MATERIAL: ; SAMPLE COLOR: - : CL : SAMPLE ODOR: NONE ; RESULTS REQUESTED: NO
CENTERID: LAT 0.000 LONG 0.000

GENERAL WATER: TRENTMENT: NONE ; CONDUCTIVITY(RESISTANCE/M): 4.0 ; DISSOLVED OXYGEN(PPM): 4.0 ; WATER TEMP(C): 26.1
VISIBILITY(M) CLEAR ; PH 7.0 ; DISSOLVED OXYGEN(PPM): 4.0 ; TOTAL ALKALINITY(PHPP): 7.0 ; ALKALINITY(PHPP): 7.0 ; H ALKALINITY(PHPP): 7.0 ; WATER TEMP(C): 26.1
APPEARANCE CLEAR ; DISCHARGE(L/M): 5.00 ; PRODUCING METER: ; CONFIDENCE: PROBABLE ; SOURCE: GEO. INFERENCE:
WELL WATER: TYPE: DRILLED ; PUMP CLASS. WIND ; CASING: GALVANIZED ; PIPE: GALVANIZED ; METERS FROM HEAD: 6
WRT PRESSURE TANK: USE STOCK ; PUMP FREQUENCY: FREQUENT ; DEPTH TO PROD. HORIZON: 50 ; CONFID. OF PROD. DEPTH: POSSIBLE ; SOURCE OF PROD.: INFO: GEO. INFERENCE: ; WELL DEPTH(M): 50 ; CONFID. OF DEPTH: POSSIBLE ; SOURCE OF DEPTH: INFO: GEO. INFERENCE:
REMARKS:
1-30 PHOTO NUMBER 29375 SAMPLE TAKEN FROM PIPE LEADING INTO HOLDING TANK. HOLDING TANK MARKED TED HARPER.

015131 SAMPLE TYPE: STREAM SEDIMENT

SITE: 0245 ; MAP NH1308 ; SAMPLER: HIB ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 1/10/05/78
AIR TEMP(C): 34.0 ; LAT 29.680 ; LONG 104.185 ; UNIT CODE: TETT ; VEGETATION: BRUSH ; SPARSE ; RELIEF: GENTLE
WEATHER: LT WIND-PT CLDY ; CONTAMINANTS: NONE ; STREAM FLOW(M/SEC): ; WATER WIDTH(M): ; WATER DEPTH(M): ; WATER LEVEL: ; BED MATERIAL: ; SAMPLE COLOR: L-GY-BN ; SAMPLE ODOR: NONE ; RESULTS REQUESTED: NO
CENTERID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION: DRY ; SAMPLE TREATMENT: NONE ; NO. GRABS: 22 ; ORGANIC MATERIAL: %
REMARKS:
- 30 PHOTO NUMBER 29375 SAMPLE TAKEN OVER A 5 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 55 METERS UPSTREAM FROM JUNCTION WITH ALAMITO CREEK.

015132 SAMPLE TYPE: HELD WATER

SITE: 0246 ; MAP NH1308 ; SAMPLER: HIB ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 1/10/05/78
AIR TEMP(C): 34.0 ; LAT 29.662 ; LONG 104.185 ; UNIT CODE: TETT ; VEGETATION: BRUSH ; SPARSE ; RELIEF: GENTLE
WEATHER: LT WIND-PT CLDY ; CONTAMINANTS: NONE ; STREAM FLOW(M/SEC): ; WATER WIDTH(M): ; WATER DEPTH(M): ; WATER LEVEL: ; BED MATERIAL: ; SAMPLE COLOR: - CL ; SAMPLE ODOR: NONE ; RESULTS REQUESTED: NO
CENTERID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT: NONE; CONDUCTIVITY:MICROMOH/CM): 6.0 ; DISSOLVED OXYGEN(PPM): 7.0 ; WATER TEMP(C): 23.5
VISIBILITY(M) CLEAR ; PH 7.4 ; DISSOLVED OXYGEN(PPM): 7.0 ; TOTAL ALKALINITY(PHPP): 10 ; ALKALINITY(PHPP): 10 ; H ALKALINITY(PHPP): 10 ; WATER TEMP(C): 23.5
APPEARANCE CLEAR ; DISCHARGE(L/M): 5.00 ; PRODUCING METER: ; CONFIDENCE: PROBABLE ; SOURCE: GEO. INFERENCE:
WELL WATER: TYPE: DUG ; PUMP CLASS. WIND ; CASING: OTHER ; PIPE: GALVANIZED ; METERS FROM HEAD: 1
WRT PRESSURE TANK: USE STOCK ; PUMP FREQUENCY: FREQUENT ; DEPTH TO PROD. HORIZON: 10 ; CONFID. OF PROD. DEPTH: PROBABLE ; SOURCE OF PROD.: INFO: GEO. INFERENCE: ; WELL DEPTH(M): 10 ; CONFID. OF DEPTH: HIGH ; SOURCE OF DEPTH: INFO: OTHER
REMARKS:
1-30 PHOTO NUMBER 29375 SAMPLE TAKEN FROM PIPE LEADING FROM WELL PIPE ON WINDMILL 5 METERS FROM DIRT ROAD: 3-20 WELL CASING IS CEMENT; 3-20 M44 WATER TABLE HAS VISABLE IN WELL.

015133 SAMPLE TYPE: STREAM SEDIMENT

SITE: 0247 ; MAP NH1308 ; SAMPLER: HIB ; PHASE 2 ; REPLICATE ; TIME SAMPLE TAKEN 1/10/05/78
AIR TEMP(C): 34.0 ; LAT 29.685 ; LONG 104.205 ; UNIT CODE: TETT ; VEGETATION: BRUSH ; SPARSE ; RELIEF: GENTLE
WEATHER: LT WIND-PT CLDY ; CONTAMINANTS: NONE ; STREAM FLOW(M/SEC): ; WATER WIDTH(M): ; WATER DEPTH(M): ; WATER LEVEL: ; BED MATERIAL: ; SAMPLE COLOR: L-GY-BN ; SAMPLE ODOR: NONE ; RESULTS REQUESTED: NO
CENTERID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION: DRY ; SAMPLE TREATMENT: NONE ; NO. GRABS: 25 ; ORGANIC MATERIAL: %
REMARKS:
1-30 PHOTO NUMBER 29375 SAMPLE TAKEN OVER A 67 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 55 METERS UPSTREAM FROM FORK WITH LARGER CHANNEL:
<table>
<thead>
<tr>
<th>Field Data</th>
<th>Presidio Quad</th>
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</thead>
<tbody>
<tr>
<td>015136</td>
<td>Sample Type: Stream Sediment</td>
<td>Site 0248: Map NH-308</td>
</tr>
<tr>
<td>AIR TEMP(C)</td>
<td>34.0</td>
<td>LAT 29.599; LONG 104.291</td>
</tr>
<tr>
<td>WATER LEVEL</td>
<td>Dry</td>
<td>BED MATERIAL: SAND</td>
</tr>
<tr>
<td>CENTROID: LAT</td>
<td>0.000</td>
<td>LONG 0.000</td>
</tr>
<tr>
<td>Sediment Information: Sample Condition: DRY</td>
<td>Sample Treatment: None</td>
<td>No. Grabs: 24</td>
</tr>
<tr>
<td>Remarks: 1-38 photo 28582; Sample taken over a 65 meter interval going upstream along center of channel starting 1/0 meters upstream from fork with Alantio Creek;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>015137</td>
<td>Sample Type: Stream Sediment</td>
<td>Site 0249: Map NH-308</td>
</tr>
<tr>
<td>AIR TEMP(C)</td>
<td>34.5</td>
<td>LAT 29.566; LONG 104.206</td>
</tr>
<tr>
<td>WATER LEVEL</td>
<td>Dry</td>
<td>BED MATERIAL: PEBBLE</td>
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<tr>
<td>CENTROID: LAT</td>
<td>0.000</td>
<td>LONG 0.000</td>
</tr>
<tr>
<td>Sediment Information: Sample Condition: DRY</td>
<td>Sample Treatment: None</td>
<td>No. Grabs: 26</td>
</tr>
<tr>
<td>Remarks: 1-38 Presidio Quad; Sample taken over a 68 meter interval going upstream along center of channel, starting 50 meters upstream from dirt road;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>015138</td>
<td>Sample Type: Stream Sediment</td>
<td>Site 0250: Map NH-308</td>
</tr>
<tr>
<td>AIR TEMP(C)</td>
<td>34.0</td>
<td>LAT 29.566; LONG 104.194</td>
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<tr>
<td>WATER LEVEL</td>
<td>Dry</td>
<td>BED MATERIAL: SAND</td>
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<tr>
<td>CENTROID: LAT</td>
<td>0.000</td>
<td>LONG 0.000</td>
</tr>
<tr>
<td>Sediment Information: Sample Condition: DRY</td>
<td>Sample Treatment: None</td>
<td>No. Grabs: 23</td>
</tr>
<tr>
<td>Remarks: 1-38 Presidio Quad; Sample taken over a 54 meter interval going upstream along center of channel starting 64 meters upstream from dirt road;</td>
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<tr>
<td>015139</td>
<td>Sample Type: Stream Sediment</td>
<td>Site 0251: Map NH-308</td>
</tr>
<tr>
<td>AIR TEMP(C)</td>
<td>33.5</td>
<td>LAT 29.564; LONG 104.154</td>
</tr>
<tr>
<td>WATER LEVEL</td>
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<td>BED MATERIAL: PEBBLE</td>
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<tr>
<td>CENTROID: LAT</td>
<td>0.000</td>
<td>LONG 0.000</td>
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<tr>
<td>Sediment Information: Sample Condition: DRY</td>
<td>Sample Treatment: None</td>
<td>No. Grabs: 19</td>
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<tr>
<td>Remarks: 1-38 Presidio Quad; Sample taken over a 70 meter interval going upstream along center of channel starting 45 meters upstream from fork with channel from southeast;</td>
<td></td>
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<tr>
<td>015140</td>
<td>Sample Type: Stream Sediment</td>
<td>Site 0252: Map NH-308</td>
</tr>
<tr>
<td>AIR TEMP(C)</td>
<td>33.0</td>
<td>LAT 29.741; LONG 104.287</td>
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<td>WATER LEVEL</td>
<td>Dry</td>
<td>BED MATERIAL: PEBBLE</td>
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<tr>
<td>CENTROID: LAT</td>
<td>0.000</td>
<td>LONG 0.000</td>
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<tr>
<td>Sediment Information: Sample Condition: DRY</td>
<td>Sample Treatment: None</td>
<td>No. Grabs: 23</td>
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<tr>
<td>Remarks: 1-38 Presidio Quad; Sample taken over a 48 meter interval going upstream along center of channel, starting 90 meters upstream from fork with Cibol Creek;</td>
<td></td>
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<tr>
<td>015141</td>
<td>Sample Type: Stream Sediment</td>
<td>Site 0253: Map NH-308</td>
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</tbody>
</table>
FIELD DATA - PRESIDIO QUAD

- AIR TEMP(C) 34.0; LAT 29.720; LONG 104.259; UNIT CODE T87; VEGETATION BRUSH; SPARSE; RELIEF MODERATE
- WEATHER LT WIND CLEAR; CONTAMINANTS NONE; STREAM FLOW(M/SEC); WATER WIDTH(M); WATER DEPTH(M)
- WATER LEVEL DRY; BED MATERIAL BOUCHER; SAMPLE COLOR LIGHT-BROWN; SAMPLE ODOR NONE; RESULTS REQUESTED NO
- CENTROID LAT 0.000; LONG 0.000

SEDIMENT INFORMATION:
- SAMPLE CONDITION DRY; SAMPLE TREATMENT NONE; NO. GRAINS 26; ORGANIC MATERIAL 0.1%
- REMARKS: L-39 LA BOQUILLA QUAD 7.5 MINUTE SAMPLE TAKEN OVER A 30 METER INTERVAL GOING UPSTREAM ALONG CENTER OF CHANNEL STARTING 10 METERS UPSTREAM FROM FORK WITH CIBOLO CREEK.

015141 SAMPLE TYPE SPRING WATER
- SITE 0263; MAP NA1308; SAMPLER JHP; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 4/12/05/78
- AIR TEMP(C) 33.5; LAT 29.720; LONG 104.170; UNIT CODE 6D; VEGETATION BRUSH; SPARSE; RELIEF MODERATE
- WEATHER LT WIND CLEAR; CONTAMINANTS NONE; STREAM FLOW(M/SEC); WATER WIDTH(M); WATER DEPTH(M)
- WATER LEVEL DRY; BED MATERIAL; SAMPLE COLOR - CLEAR; SAMPLE ODOR NONE; RESULTS REQUESTED NO
- CENTROID LAT 0.000; LONG 0.000

GENERAL WATER TREATMENT NONE
- CONDUCTIVITY(MICROMOS/CM) 280; DISSOLVED OXYGEN(PPM) 2.1; WATER TEMP(C) 22.8
- VISIBILITY(M) CLEAR; PH 6.1; LO-ION PAPER; TOTAL ALKALINITY(PPM) 150; B ALKALINITY(PPM) 5; M ALKALINITY(PPM) 146
- APPEARANCE CLEAR; DISCHARGE(L/M); PRODUCING HORIZON TETT; CONFIDENCE PROBABLE; SOURCE GEO. INFERENCE

REMARKS: L-39 PHOTO NUMBER 29375; SAMPLE TAKEN OUT OF WOODEN BOX CASING 6 METERS WEST OF FENCE.

015142 SAMPLE TYPE WELL WATER
- SITE 0254; MAP NA1308; SAMPLER JHP; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 5/13/05/78
- AIR TEMP(C) 25.0; LAT 29.668; LONG 104.040; UNIT CODE T48; VEGETATION BRUSH; SPARSE; RELIEF GENTLE
- WEATHER CLEAR; CONTAMINANTS NONE; STREAM FLOW(M/SEC); WATER WIDTH(M); WATER DEPTH(M)
- WATER LEVEL DRY; BED MATERIAL; SAMPLE COLOR - CLEAR; SAMPLE ODOR NONE; RESULTS REQUESTED NO
- CENTROID LAT 0.000; LONG 0.000

GENERAL WATER TREATMENT NONE
- CONDUCTIVITY(MICROMOS/CM) 780; DISSOLVED OXYGEN(PPM) 3.6; WATER TEMP(C) 23.4
- VISIBILITY(M) CLEAR; PH 6.9; LO-ION PAPER; TOTAL ALKALINITY(PPM) 302; B ALKALINITY(PPM) 5; M ALKALINITY(PPM) 296
- APPEARANCE CLEAR; DISCHARGE(L/M); PRODUCING HORIZON TETT; CONFIDENCE PROBABLE; SOURCE GEO. INFERENCE

WELL WATER; TYPE DRILLED; PHA CLASS. WIND; CASING GALVANIZED; PIPE COMP. STEEL; METERS FROM HEAD
- WAT PRESSURE TANK NONE; USE HOUSE/STOCK; PUMPING FREQ FREQUENT; DEPTH TO PROD HORIZON 30; CONFID. OF PROD. DEPTH POSSIBLE
- SOURCE OF PROD. INFO GEO. INFERENCE; WET DEPTH(M) 50; CONFID. OF DEPTH POSSIBLE; SOURCE OF DEPTH INFO GEO. INFERENCE

REMARKS: L-39 PRESS 9/03/70 1 DEG. BY 2 DEG. 4 Quad. SAMPLE TAKEN FROM PIPE LEADING INTO HOLDING TANK AT WINDHILL 150 METERS SOUTHWEST OF RAWLS RANCH.

015143 SAMPLE TYPE WELL WATER
- SITE 0255; MAP NA1308; SAMPLER JHP; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 12/13/05/78
- AIR TEMP(C) 28.0; LAT 29.619; LONG 104.039; UNIT CODE T48; VEGETATION BRUSH; SPARSE; RELIEF MODERATE
- WEATHER CLEAR; CONTAMINANTS NONE; STREAM FLOW(M/SEC); WATER WIDTH(M); WATER DEPTH(M)
- WATER LEVEL DRY; BED MATERIAL; SAMPLE COLOR - CLEAR; SAMPLE ODOR NONE; RESULTS REQUESTED NO
- CENTROID LAT 0.000; LONG 0.000

GENERAL WATER TREATMENT NONE
- CONDUCTIVITY(MICROMOS/CM) 707; DISSOLVED OXYGEN(PPM) 5.6; WATER TEMP(C) 26.7
- VISIBILITY(M) CLEAR; PH 7.9; LO-ION PAPER; TOTAL ALKALINITY(PPM) 260; B ALKALINITY(PPM) 5; M ALKALINITY(PPM) 250
- APPEARANCE CLEAR; DISCHARGE(L/M) 7.00; PRODUCING HORIZON TETT; CONFIDENCE PROBABLE; SOURCE GEO. INFERENCE

WELL WATER; TYPE DRILLED; PHA CLASS. WIND; CASING GALVANIZED; PIPE COMP. GALVANIZED; METERS FROM HEAD
- WAT PRESSURE TANK NONE; USE STOCK; PUMPING FREQ FREQUENT; DEPTH TO PROD HORIZON 60; CONFID. OF PROD. DEPTH POSSIBLE
- SOURCE OF PROD. INFO GEO. INFERENCE; WET DEPTH(M) 60; CONFID. OF DEPTH POSSIBLE; SOURCE OF DEPTH INFO GEO. INFERENCE

REMARKS: L-39 PRESS 9/03/70 1 DEG. BY 2 DEG. 4 Quad. SAMPLE TAKEN FROM PIPE LEADING INTO HOLDING TANK.

015144 SAMPLE TYPE WELL WATER
- SITE 0256; MAP NA1308; SAMPLER JHP; PHASE 2; REPLICATE; TIME SAMPLE TAKEN 15/13/05/78
- AIR TEMP(C) 32.5; LAT 29.609; LONG 104.167; UNIT CODE T48; VEGETATION BRUSH; SPARSE; RELIEF MODERATE

WATER LEVEL CLEAR; PH 6.9; LO-ION PAPER; TOTAL ALKALINITY(PPM) 12; B ALKALINITY(PPM) 6; M ALKALINITY(PPM) 11
- APPEARANCE CLEAR; DISCHARGE(L/M); PRODUCING HORIZON TETT; CONFIDENCE PROBABLE; SOURCE GEO. INFERENCE

WELL WATER; TYPE DRILLED; PHA CLASS. WIND; CASING GALVANIZED; PIPE COMP. STEEL; METERS FROM HEAD
- WAT PRESSURE TANK NONE; USE STOCK; PUMPING FREQ FREQUENT; DEPTH TO PROD HORIZON 45; CONFID. OF PROD. DEPTH POSSIBLE
- SOURCE OF PROD. INFO GEO. INFERENCE; WET DEPTH(M) 45; CONFID. OF DEPTH POSSIBLE; SOURCE OF DEPTH INFO GEO. INFERENCE

REMARKS: L-39 PRESS 9/03/70 1 DEG. BY 2 DEG. 4 Quad. SAMPLE TAKEN FROM PIPE LEADING INTO HOLDING TANK.

- AIR TEMP(C) 32.5; LAT 29.609; LONG 104.167; UNIT CODE T48; VEGETATION BRUSH; SPARSE; RELIEF MODERATE
<table>
<thead>
<tr>
<th>Field Data - Presidio Quad</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>General Water</strong>: Treatment None</td>
<td><strong>Conductivity (µMhos/cm)</strong> 79.3</td>
</tr>
<tr>
<td><strong>Visibility (m)</strong> Clear</td>
<td><strong>pH</strong> 8.5</td>
</tr>
<tr>
<td><strong>Appearance Clear</strong>: Discharge (cm³)</td>
<td><strong>Producing Horizon</strong>: Confidence Probable</td>
</tr>
<tr>
<td><strong>Well Water</strong>: Type Drilled</td>
<td><strong>WTR Pressure Tank</strong>: None</td>
</tr>
<tr>
<td><strong>Source of Prod. Info. Geol. Inference</strong>: Well Depth (m) 10.0</td>
<td><strong>Confid. of Prod Depth Possible</strong>: Source of Depth Info Geol. Inference</td>
</tr>
</tbody>
</table>

**Remarks:**
- 1-38 Presidio 1 deg. by 2 deg. quad sample taken from pipe leading to holding tank; 3-22 #24 sample taken from a closed holding tank, water feeds directly into tank from well head via galvanized pipe.

---

**Sample Type**: Well Water | **Site**: 0257 | **Sample No.**: NH1306 | **Sample JHF**: Phase 2, Replicate | **Time Sample Taken**: 17/13/05/76

**Air Temp (°C)** 33.0 | **Lat**: 22.722 | **Long**: 104.057 | **Unit Code**: 00 | **Vegetation Brush**: Sparse | **Relief Gentle**

**Weather**: Light Wind, Clear | **Contaminants**: None | **Stream Flow (m/sec)** | **Water Width (m)** | **Water Depth (m)**

**Bed Material**: Sample Color - CL | **Sample Odor**: None | **Results Requested No**

**Centroid**: Lat. 0.000 Long. 0.000

---

**Sample Type**: Well Water | **Units**: 0258 | **Sample No.**: NH1308 | **Sample JHF**: Phase 2, Replicate | **Time Sample Taken**: 10/15/05/78

**Air Temp (°C)** -33-2.5 | **Lat**: 29.926 | **Long**: 104.037 | **Unit Code**: 00 | **Vegetation Brush**: Sparse | **Relief Gentle**

**Weather**: Light Wind, Clear | **Contaminants**: None | **Stream Flow (m/sec)** | **Water Width (m)** | **Water Depth (m)**

**Bed Material**: Sample Color - BL | **Sample Odor**: None | **Results Requested No**

**Centroid**: Lat. 0.000 Long. 0.000

---

**Sample Type**: Stream Sediment | **Units**: 0262 | **Sample No.**: NH1306 | **Sample JHF**: Phase 2, Replicate | **Time Sample Taken**: 17/13/05/76

**Air Temp (°C)** -33-2.5 | **Lat**: 29.926 | **Long**: 104.037 | **Unit Code**: 00 | **Vegetation Brush**: Sparse | **Relief Gentle**

**Weather**: Light Wind, Clear | **Contaminants**: None | **Stream Flow (m/sec)** | **Water Width (m)** | **Water Depth (m)**

**Bed Material**: Sample Color - BL | **Sample Odor**: None | **Results Requested No**

**Centroid**: Lat. 0.000 Long. 0.000

---

**Sample Type**: Well Water | **Units**: 0258 | **Sample No.**: NH1308 | **Sample JHF**: Phase 2, Replicate | **Time Sample Taken**: 11/15/05/78

**Air Temp (°C)** -33-2.5 | **Lat**: 29.926 | **Long**: 104.026 | **Unit Code**: 00 | **Vegetation Brush**: Sparse | **Relief Gentle**

**Weather**: Light Wind, Clear | **Contaminants**: None | **Stream Flow (m/sec)** | **Water Width (m)** | **Water Depth (m)**

**Bed Material**: Sample Color - BL | **Sample Odor**: None | **Results Requested No**

**Centroid**: Lat. 0.000 Long. 0.000
### Field Data - Presidio Quad

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#### Remarks:

**01/14/97** Sample taken from pipe leading into holding tank from well head 2 meters from dirt road.

**01/15/97** Sample taken over a 40 meter interval going downstream along center of channel starting 20 meters downstream from fork in channel.

**01/15/97** Sample taken over a 40 meter interval going upstream along center of channel starting 64 meters upstream from railroad trestle.

**01/15/97** Sample taken over a 60 meter interval going upstream along center of channel starting 54 meters upstream from railroad trestle.

**01/15/97** Sample taken from small pool at spring source 10 meters upstream from aluminum structure.

---

**Sample Type:** Stream

**Site:** 0264

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 34.0

**Lat:** 29.814

**Lon:** 104.308

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000

**Water Level:** Dry

**Bed Material:** Sand

**Sample Color:** Off-White

**Sample Odor:** None

**Results Requested:** No

**Centroid:** Lat. 0.000 Long. 0.000

---

**Sample Type:** Stream

**Site:** 0265

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 33.5

**Lat:** 29.838

**Lon:** 104.324

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000

**Water Level:** Dry

**Bed Material:** Sand

**Sample Color:** Off-White

**Sample Odor:** None

**Results Requested:** No

**Centroid:** Lat. 0.000 Long. 0.000

---

**Sample Type:** Stream

**Site:** 0266

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 34.0

**Lat:** 29.814

**Lon:** 104.308

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000

**Water Level:** Dry

**Bed Material:** Sand

**Sample Color:** Off-White

**Sample Odor:** None

**Results Requested:** No

**Centroid:** Lat. 0.000 Long. 0.000

---

**Sample Type:** Stream

**Site:** 0267

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 33.5

**Lat:** 29.838

**Lon:** 104.324

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000

**Water Level:** Dry

**Bed Material:** Sand

**Sample Color:** Off-White

**Sample Odor:** None

**Results Requested:** No

**Centroid:** Lat. 0.000 Long. 0.000

---

**Sample Type:** Stream

**Site:** 0268

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 34.0

**Lat:** 29.814

**Lon:** 104.308

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000

**Water Level:** Dry

**Bed Material:** Sand

**Sample Color:** Off-White

**Sample Odor:** None

**Results Requested:** No

**Centroid:** Lat. 0.000 Long. 0.000

---

**Sample Type:** Stream

**Site:** 0269

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 34.0

**Lat:** 29.814

**Lon:** 104.308

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000

**Water Level:** Dry

**Bed Material:** Sand

**Sample Color:** Off-White

**Sample Odor:** None

**Results Requested:** No

**Centroid:** Lat. 0.000 Long. 0.000

---

**Sample Type:** Stream

**Site:** 0270

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 34.0

**Lat:** 29.814

**Lon:** 104.308

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000

**Water Level:** Dry

**Bed Material:** Sand

**Sample Color:** Off-White

**Sample Odor:** None

**Results Requested:** No

**Centroid:** Lat. 0.000 Long. 0.000

---

**Sample Type:** Stream

**Site:** 0271

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 34.0

**Lat:** 29.814

**Lon:** 104.308

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000

**Water Level:** Dry

**Bed Material:** Sand

**Sample Color:** Off-White

**Sample Odor:** None

**Results Requested:** No

**Centroid:** Lat. 0.000 Long. 0.000

---

**Sample Type:** Stream

**Site:** 0272

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 34.0

**Lat:** 29.814

**Lon:** 104.308

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000

**Water Level:** Dry

**Bed Material:** Sand

**Sample Color:** Off-White

**Sample Odor:** None

**Results Requested:** No

**Centroid:** Lat. 0.000 Long. 0.000

---

**Sample Type:** Stream

**Site:** 0273

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 34.0

**Lat:** 29.814

**Lon:** 104.308

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000

**Water Level:** Dry

**Bed Material:** Sand

**Sample Color:** Off-White

**Sample Odor:** None

**Results Requested:** No

**Centroid:** Lat. 0.000 Long. 0.000

---

**Sample Type:** Stream

**Site:** 0274

**Map NH130B**

**Sample:** JHF

**Phase:** 2

**Replicate:** 1

**Time:** 12/15/05/78

**Air Temp:** 34.0

**Lat:** 29.814

**Lon:** 104.308

**Unit Code:** 91

**Vegetation:** Brush/Sparse

**Relief:** Gentle

**Weather:** Light Wind to Cloudy

**Stream Flow:** 0.000
FIELD DATA - PRESIDIO QUAD

<table>
<thead>
<tr>
<th>Sample Description</th>
<th>Site Code</th>
<th>MAP NH1308</th>
<th>Sampler TRP</th>
<th>Phase 2</th>
<th>Replicate</th>
<th>Time Sample Taken</th>
<th>Weather</th>
<th>Ht Wind-Clear</th>
<th>Bed Material</th>
<th>Contaminants None</th>
<th>Sample Color</th>
<th>Sample Odor None</th>
<th>Results Requested</th>
<th>Comments</th>
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<tbody>
<tr>
<td>015171</td>
<td>Site 0427</td>
<td>Map NH1308</td>
<td>Sampler TRP</td>
<td>Phase 2</td>
<td>Replicate</td>
<td>Time Sample Taken</td>
<td>Weather</td>
<td>Heat Calm-Clear</td>
<td>Bed Material</td>
<td>Contaminants None</td>
<td>Sample Color</td>
<td>Sample Odor None</td>
<td>Results Requested</td>
<td>Remarks</td>
</tr>
<tr>
<td>015172</td>
<td>Site 0425</td>
<td>Map NH1308</td>
<td>Sampler TRP</td>
<td>Phase 2</td>
<td>Replicate</td>
<td>Time Sample Taken</td>
<td>Weather</td>
<td>Heat Lt Wind-Clear</td>
<td>Bed Material</td>
<td>Contaminants None</td>
<td>Sample Color</td>
<td>Sample Odor None</td>
<td>Results Requested</td>
<td>Remarks</td>
</tr>
</tbody>
</table>

Remarks:
- Sample taken from well head in pump house at entrance to Shafter Trailer Park.
- Sample taken from spring at 15' upstream from spring at site 0425.
- Sample taken from pipe above square stone holding tank 40' south of windmill, a larger round holding tank, no longer used, is between well and sampling location. 3-21 40'. Black plastic pipe, 2H. Galvanized between tank and well.