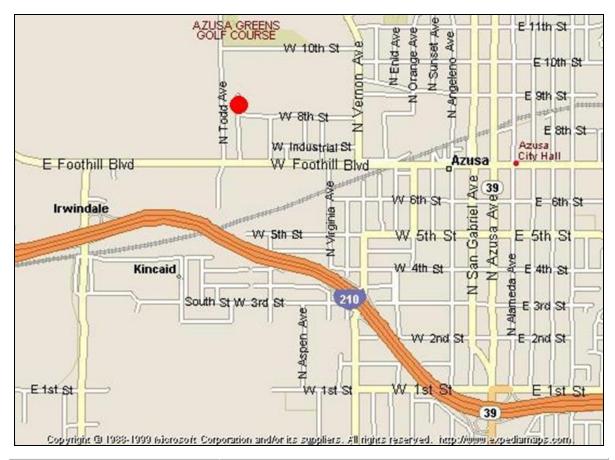
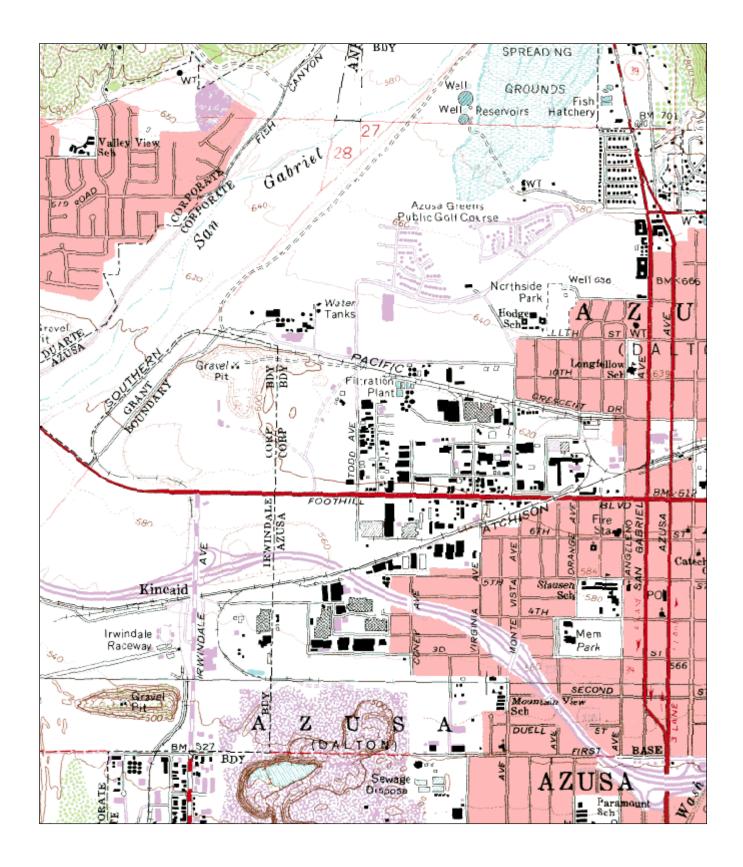
South Coast AQMD Site Survey Report for Azusa

Last updated: May 19, 2022



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060370002	70060	01/1957	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
803 N. Loren Avenue Azusa, CA 91702	Los Angeles	South Coast	34° 08' 11"N	117° 55' 26"W	187



Detailed Site Information

QS ID	Local site name	Azus		Azusa			
Street Address							
Distance to roadways (meters) 14.5 - 18.5; 695 14.5 - 18.5; 695	GPS coordinates (decimal degrees)		Latitude: 34° 08' 11" Longitude: 117° 55' 26"				
Distance to roadways (meters) 14.5 - 18.5; 695 74 75 76 76 76 76 76 76 76	Street Address						
Asphalt Capability Asphalt Capability Asphalt Capability	County						
Asphalt Groundcover Geg. asphalt, dirt, sand Representative statistical area name (i.e. MSA, CBSA, other)	Distance to roadways (1	meters)	14.5 - 18	5.5; 695			
Representative statistical area name (i.e. MSA, CBSA, other)	Traffic count (AADT, y	vear)	< 1000 /	2012; Route 210/Irwinda	le, 266,000, 2011		
Representative statistical area name (i.e. MSA, CBSA, Ober) State Nitrogen Dioxide, 2 Ozone, 1 PM10, 2	Groundcover		Asphalt				
Ci.e. MSA, CBSA, other	(e.g. asphalt, dirt, sand)		-				
Pollutant, POC	Representative statistica	al area name	31080-Lo	os Angeles-Long Beach-A	Anaheim, MSA		
Primary QA Collocated / Other Primary Collocated / Other	(i.e. MSA, CBSA, other	r)					
Collocated / Other 42101 42602 44201 81102 Basic monitoring objective(s) NAAQS NAAQS NAAQS NAAQS Site type(s) Population Exposure Population Exposure Concentration Population Exposure Monitor (type) SLAMS SLAMS SLAMS SLAMS Network Affiliation N/A N/A N/A N/A N/A Instrument model Horiba APMA 370 Thermo 42i Teledyne T400 Tisch TE-6001 SSI Method code 158 074 87 141 FRM/FEM/ARM/ other FRM FRM FEM FRM Collecting Agency South Coast AQMD N/A N/A <td< td=""><td>Pollutant, POC</td><td>Carbon Mon</td><td>oxide, 1</td><td>Nitrogen Dioxide, 2</td><td>Ozone, 1</td><td>PM10, 2</td></td<>	Pollutant, POC	Carbon Mon	oxide, 1	Nitrogen Dioxide, 2	Ozone, 1	PM10, 2	
Parameter code		N/A		N/A	N/A	Primary	
Basic monitoring objective(s) NAAQS NAAQS NAAQS NAAQS	Collocated / Other						
Objective(s) Site type(s) Population Exposure Population Exposure Population Exposure Concentration Population Exposure Population Population Exposure Population Populati	Parameter code	42101		42602	44201	81102	
Site type(s)	Basic monitoring	NAAQS		NAAQS	NAAQS	NAAQS	
Monitor (type) SLAMS SLAMS SLAMS SLAMS N/A N/A							
Monitor (type) SLAMS SLAMS N/A N	Site type(s)	Population E	Exposure	Population Exposure		Population Exposure	
Network Affiliation N/A N/A N/A N/A N/A Instrument Horiba APMA 370 Thermo 42i Teledyne T400 Tisch TE-6001 SSI							
Instrument manufacturer and model Method code 158							
manufacturer and model Method code 158 074 87 141 FRM/FEM/ARM/ other FRM FRM FEM FEM Collecting Agency South Coast AQMD South Coast AQMD South Coast AQMD South Coast AQMD Analytical Lab (i.e., weigh lab, toxics lab, other) N/A N/A N/A N/A Reporting Agency South Coast AQMD South Coast AQMD South Coast AQMD South Coast AQMD Spatial scale (e.g. micro, neighborhood) Neighborhood Urban Urban Neighborhood Monitoring start date (M/DD/YYYY) 01/1957 01/1957 01/1957 01/1957 01/1957 Current sampling frequency (e.g. 1:3, continuous) 1:1 1:1 1:1 1:6 Calculated sampling frequency (e.g. 1:3/1:1) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Distance from supporting structure (meters) 2 2 2 2 Distance from obstructions on roof <t< td=""><td>Network Affiliation</td><td></td><td></td><td></td><td></td><td></td></t<>	Network Affiliation						
model Method code 158 074 87 141 FRM/FEM/ARM/ other FRM FRM FRM FFM Collecting Agency South Coast AQMD South Coast AQMD South Coast AQMD South Coast AQMD Analytical Lab (i.e., weigh lab, toxics lab, other) N/A N/A N/A South Coast AQMD South Coast AQMD Spatial scale (e.g. micro, neighborhood) Neighborhood Urban Urban Neighborhood Monitoring start date (MM/DD/YYYY) 01/1957 01/1957 01/1957 01/01/1985 Current sampling frequency (e.g. 1:3, continuous) 1:1 1:1 1:1 1:6 Calculated sampling frequency (e.g. 1:3/1:1) N/A N/A N/A N/A Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Distance from supporting structure (meters) 1 2 2 2 2 Distance from obstructions on roof N/A N/A N/A N/A N/A		Horiba APM	IA 370	Thermo 42i	Teledyne T400	Tisch TE-6001 SSI	
Method code 158 074 87 141 FRM/FEM/ARM/ other FRM FRM FEM FRM Collecting Agency South Coast AQMD South Coast AQMD South Coast AQMD South Coast AQMD Analytical Lab (i.e., weigh lab, toxics lab, other) N/A N/A N/A South Coast AQMD Reporting Agency South Coast AQMD South Coast AQMD South Coast AQMD South Coast AQMD Spatial scale (e.g. micro, neighborhood) Neighborhood Urban Urban Neighborhood Monitoring start date (MM/DD/YYYY) 01/1957 01/1957 01/1957 01/1957 Current sampling frequency (e.g. 1:3, continuous) 1:1 1:1 1:1 1:6 Calculated sampling frequency (e.g. 1:3/1:1) N/A N/A N/A N/A 1:6 Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Distance from supporting structure (meters) 5.5 5.5 5.5 5.5 5.1 Distance from obstructions on roof N/A N/A							
FRM/FEM/ARM other FRM FR							
otherCollecting AgencySouth Coast AQMDSouth Coast AQMDSouth Coast AQMDAnalytical Lab (i.e., weigh lab, toxics lab, other)N/AN/AN/AN/AReporting AgencySouth Coast AQMDSouth Coast AQMDSouth Coast AQMDSpatial scale (e.g. micro, neighborhood)NeighborhoodUrbanUrbanNeighborhoodMonitoring start date (MM/DD/YYYY)01/195701/195701/195701/01/1985Current sampling frequency (e.g. 1:3, continuous)1:11:11:11:6Calculated sampling frequency (e.g. 1:3/1:1)N/AN/AN/AN/A1:6Sampling season (MM/DD-MM/DD)01/01-12/3101/01-12/3101/01-12/3101/01-12/3101/01-12/31Probe height (meters)5.55.55.55.55.1Distance from supporting structure (meters)N/AN/AN/AN/ADistance from obstructions on roofN/AN/AN/AN/A		158					
Collecting Agency		FRM		FRM	FEM	FRM	
Analytical Lab (i.e., weigh lab, toxics lab, other) Reporting Agency Spatial scale (e.g. micro, neighborhood) Monitoring start date (MM/DD/YYYY) Current sampling frequency (e.g. 1:3, continuous) Calculated sampling frequency (e.g. 1:3/1:1) Sampling season (MM/DD-MM/DD) Probe height (meters) Distance from obstructions on roof N/A N/A N/A N/A N/A N/A N/A N/		10 10 10 5					
weigh lab, toxics lab, other) South Coast AQMD Neighborhood Neighborhood Neighborhood Urban Neighborhood Neighborhood Neighborhood Neighborhood Meighborhood Mile To							
other) Reporting Agency South Coast AQMD Neighborhood Monitoring start date (MM/DD/YYYY) 01/1957		IN/A		N/A	N/A	South Coast AQMD	
Reporting Agency South Coast AQMD Neighborhood Urban Urban Neighborhood Neighborhood							
Spatial scale (e.g. micro, neighborhood) Neighborhood Urban Visinghborhood Monitoring start date (MM/DD/YYYY) 01/1957 01/1957 01/1957 01/1957 Current sampling frequency (e.g.1:3, continuous) 1:1 1:1 1:1 1:6 Calculated sampling frequency (e.g. 1:3/1:1) N/A N/A N/A 1:6 Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Distance from supporting structure (meters) 2 2 2 2 Distance from obstructions on roof N/A N/A N/A N/A		g 4 G + 401/D		G 4 G 4 AOMD	C 1 C 1 OMD	0 10 1000	
micro, neighborhood) 01/1957 01/1957 01/1957 01/1957 01/1957 01/01/1985 Current sampling frequency (e.g. 1:3, continuous) 1:1 1:1 1:1 1:6 Calculated sampling frequency (e.g. 1:3/1:1) N/A N/A N/A 1:6 Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Probe height (meters) 5.5 5.5 5.5 5.1 Distance from supporting structure (meters) N/A N/A N/A N/A Distance from obstructions on roof N/A N/A N/A N/A				i e			
Monitoring start date (MM/DD/YYYY) 01/1957 01/1957 01/1957 01/01/1985 Current sampling frequency (e.g. 1:3, continuous) 1:1 1:1 1:1 1:6 Calculated sampling frequency (e.g. 1:3/1:1) N/A N/A N/A 1:6 Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Probe height (meters) 5.5 5.5 5.5 5.1 Distance from supporting structure (meters) N/A N/A N/A N/A Distance from obstructions on roof N/A N/A N/A N/A		rveignbornood		Urban	Urban	Neignbornood	
(MM/DD/YYYY) 1:1 1:1 1:6 Current sampling frequency (e.g. 1:3, continuous) N/A N/A N/A 1:6 Calculated sampling frequency (e.g. 1:3/1:1) N/A N/A N/A 1:6 Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Probe height (meters) 5.5 5.5 5.5 5.1 Distance from (meters) 2 2 2 2 Distance from obstructions on roof N/A N/A N/A N/A		01/1057		01/1057	01/1057	01/01/1005	
Current sampling frequency (e.g.1:3, continuous) 1:1 1:1 1:1 1:6 Calculated sampling frequency (e.g. 1:3/1:1) N/A N/A N/A 1:6 Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Probe height (meters) 5.5 5.5 5.5 5.1 Distance from supporting structure (meters) 2 2 2 2 Distance from obstructions on roof N/A N/A N/A N/A		01/1957		01/1957	01/1957	01/01/1985	
frequency (e.g. 1:3, continuous) N/A N/A N/A 1:6 Calculated sampling frequency (e.g. 1:3/1:1) N/A N/A 1:6 Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 Probe height (meters) 5.5 5.5 5.5 Distance from supporting structure (meters) 2 2 2 Distance from obstructions on roof N/A N/A N/A		1.1		1.1	1.1	1.6	
Continuous) N/A N/A N/A 1:6 Calculated sampling frequency (e.g. 1:3/1:1) 01/01-12/31 01		1.1		1.1	1.1	1.0	
Calculated sampling frequency (e.g. 1:3/1:1) N/A N/A N/A 1:6 Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Probe height (meters) 5.5 5.5 5.5 5.1 Distance from supporting structure (meters) 2 2 2 Distance from obstructions on roof N/A N/A N/A							
frequency (e.g. 1:3/1:1) 01/01-12/31 01/01-12/		N/A		N/A	N/A	1.6	
(e.g. 1:3/1:1) 01/01-12/31	1 0	14/71		11/12	11/11	1.0	
Sampling season (MM/DD-MM/DD) 01/01-12/31 01/01-12/31 01/01-12/31 01/01-12/31 Probe height (meters) 5.5 5.5 5.5 5.1 Distance from supporting structure (meters) 2 2 2 2 Distance from obstructions on roof N/A N/A N/A N/A							
(MM/DD-MM/DD) 5.5 5.5 5.1 Probe height (meters) 5.5 5.5 5.1 Distance from supporting structure (meters) 2 2 2 2 2 Distance from obstructions on roof N/A N/A N/A N/A N/A		01/01-12/31		01/01-12/31	01/01-12/31	01/01-12/31	
Probe height (meters) 5.5 5.5 5.5 5.1 Distance from supporting structure (meters) 2 2 2 2 2 Distance from obstructions on roof N/A N/A N/A N/A N/A		01/01 12/31		J=101 12101			
Distance from 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		5.5		5.5	5.5	5.1	
supporting structure (meters) Distance from N/A N/A N/A N/A Obstructions on roof							
(meters) Distance from N/A N/A N/A N/A Obstructions on roof							
Distance from N/A N/A N/A N/A N/A Obstructions on roof							
obstructions on roof		N/A		N/A	N/A	N/A	
(meters)							
	(meters)						

Distance from	N/A	N/A	N/A	N/A
obstructions not on roof (meters)				
Distance from trees	N/A	N/A	N/A	N/A
(meters)			, in the second	"
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue				
(meters) Distance between	N/A	N/A	N/A	N/A
collocated monitors	IN/A	11/74	IV/A	IV/A
(meters)				
Unrestricted airflow	360°	360°	360°	360°
(degrees)				
Probe material for	Teflon	Teflon	Teflon	N/A
reactive gases (e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	9.6	15.0	10.4	N/A
reactive gases				
(seconds)	NY			
Will there be changes within the next 18	No	No	No	No
months? (Y/N)				
Is it suitable for	N/A	N/A	N/A	N/A
comparison against				
the annual PM2.5?				
(Y/N) Frequency of flow	N/A	N/A	N/A	Monthly
rate verification for	IV/A	IV/A	IV/A	Wolting
manual PM samplers				
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for				
automated PM analyzers				
Frequency of one-	Nightly	Nightly	Nightly	N/A
point QC check for		1.18.11.7	- 1.56-11-5	
gaseous instruments				
Last Annual	02/25/2021	02/25/2021	02/25/2021	N/A
Performance Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	N/A	N/A	N/A	03/30/2021
flow rate audits for				09/02/2021
PM monitors (MM/DD/YYYY,				
MM/DD/YYYY)				
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Pollutant, POC	24 Hour PM2.5, 1		
Primary / QA	Primary		
Collocated / Other			
Parameter code	88101		
Basic monitoring	NAAQS		
objective(s)			
Site type(s)	Population Exposure		
Monitor (type)	SLAMS		
Network Affiliation	N/A		
Instrument	Partisol 2025i		
manufacturer and			
model			
Method code	145		
FRM/FEM/ARM/	FRM		
other			
Collecting Agency	South Coast AQMD		
Analytical Lab (i.e., weigh lab, toxics lab,	South Coast AQMD		
other)	g 4 G + 101/D		
Reporting Agency	South Coast AQMD		
Spatial scale (e.g.	Neighborhood		
micro, neighborhood)			
Monitoring start date	01/04/1999		
(MM/DD/YYYY)			
Current sampling	1.3		
frequency (e.g.1:3,			
continuous)			
Calculated sampling	1:3		
frequency			
(e.g. 1:3/1:1)			
Sampling season	01/01-12/31		
(MM/DD-MM/DD)			
Probe height (meters)	5.5		
Distance from	2.0		
supporting structure			
(meters)			
Distance from	N/A		
obstructions on roof			
(meters)			
Distance from	N/A		
obstructions not on			
roof (meters)			
Distance from trees	N/A		
(meters)			
Distance to furnace or	26		
incinerator flue			
(meters)			
Distance between	N/A		
collocated monitors	11/71		
(meters)			
Unrestricted airflow	360°		
(degrees)	300		
(degrees)	1		

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Probe material for	N/A			
reactive gases				
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	N/A			
reactive gases				
(seconds)				
Will there be changes	No			
within the next 18				
months? (Y/N)				
Is it suitable for	Yes			
comparison against				
the annual PM2.5?				
(Y/N)				
Frequency of flow	Monthly			
rate verification for				
manual PM samplers				
Frequency of flow	N/A			
rate verification for				
automated PM				
analyzers				
Frequency of one-	N/A			
point QC check for				
gaseous instruments				
Last Annual	N/A			
Performance	- "			
Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	03/30/2021			
flow rate audits for	09/02/2021			
PM monitors				
(MM/DD/YYYY,				
MM/DD/YYYY)				
11111/00/11111/	l .	l .	l .	

Pollutant, POC	WS & D, 1/1	RH/T, 1/1	BP, 1	
Primary / QA	N/A	N/A	N/A	
Collocated / Other				
Parameter code	61101/61102	62201/62101	64101	
Basic monitoring	Research	Research	Research	
objective(s)				
Site type(s)	Meteorological	Meteorological	Meteorological	
Monitor (type)	SLAMS	SLAMS	SLAMS	
Network Affiliation	N/A	N/A	N/A	
Instrument	RM Young 05305V	Rotronic HC2-S3	Met One 091	
manufacturer and				
model				
Method code	065/065	063/063	015	
FRM/FEM/ARM/	N/A	N/A	N/A	
other				
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Analytical Lab (i.e.,	N/A	N/A	N/A	
weigh lab, toxics lab				
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	
Spatial scale (e.g.	Neighborhood/ Urban	Neighborhood/ Urban	Neighborhood/ Urban	
micro, neighborhood)				
Monitoring start date	01/1957	01/1957	01/1957	
(MM/DD/YYYY)				
Current sampling	Continuous	Continuous	Continuous	
frequency (e.g.1:3,				
continuous)				
Calculated sampling	1:1	1:1	1:1	
frequency				
(e.g. 1:3/1:1)				
Sampling season	01/01-12/31	01/01-12/31	01/01-12/31	
(MM/DD-MM/DD)				
Probe height (meters)	10	9.5	1.5	
Distance from	10	9.5	1.5	
supporting structure				
(meters)				
Distance from	N/A	N/A	N/A	
obstructions on roof				
(meters)				
Distance from	N/A	N/A	N/A	
obstructions not on				
roof (meters)				
Distance from trees	N/A	N/A	N/A	
(meters)				
Distance to furnace or	N/A	N/A	N/A	
incinerator flue				
(meters)				
Distance between	N/A	N/A	N/A	
collocated monitors				
(meters)	2.000	2.000	2.00	
Unrestricted airflow	360°	360°	360°	
(degrees)				

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Probe material for	N/A	N/A	N/A	
reactive gases				
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	N/A	N/A	N/A	
reactive gases				
(seconds)				
Will there be changes	No	No	No	
within the next 18				
months? (Y/N)				
Is it suitable for	N/A	N/A	N/A	
comparison against				
the annual PM2.5?				
(Y/N)				
Frequency of flow	N/A	N/A	N/A	
rate verification for				
manual PM samplers				
Frequency of flow	N/A	N/A	N/A	
rate verification for				
automated PM				
analyzers				
Frequency of one-	N/A	N/A	N/A	
point QC check for				
gaseous instruments				
Last Annual	N/A	N/A	N/A	
Performance				
Evaluation for				
gaseous parameters				
(MM/DD/YYYY)				
Last two semi-annual	N/A	N/A	N/A	
flow rate audits for				
PM monitors				
(MM/DD/YYYY,				
MM/DD/YYYY)				
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Azusa Site Photos



Looking North from the probe.



Looking East from the probe.



Looking South from the probe.



Looking West from the probe.

Azusa Site Photos (Cont.)



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.