Figure A.5 Air photo showing specific sampling locations on 27th Ave between Van Buren St. and McDowell St. (Phoenix).

Figure A.6 Air photo showing specific sampling locations on 27th Ave between Lower Buckeye Rd. and Durango St. (Phoenix).

Figure A.7 Air photo showing specific sampling locations on Roosevelt St. between 7th St. and 16th St. (Phoenix).

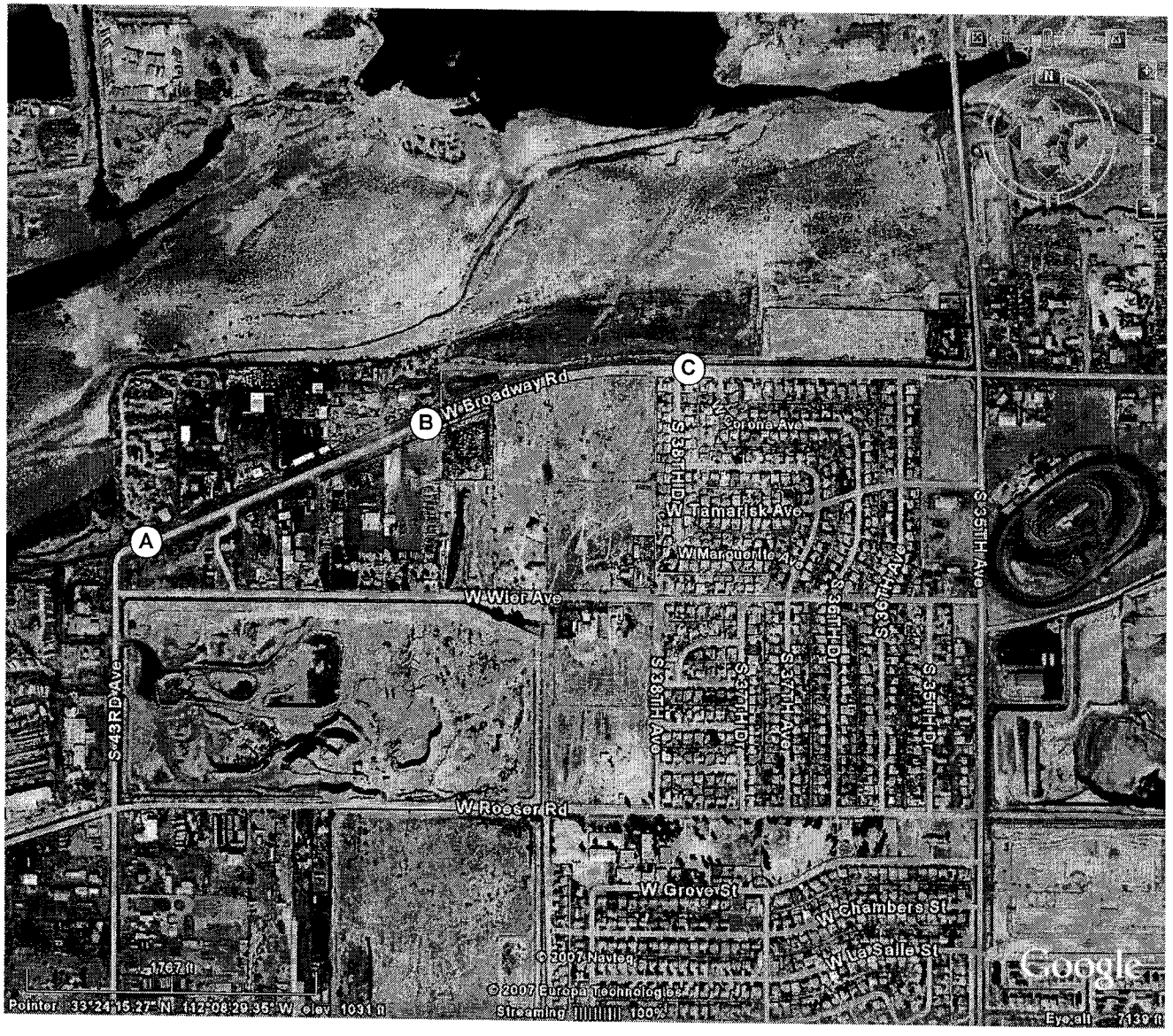

Figure A.8 Air photo showing specific sampling locations on Broadway Rd. between 35th Ave and 43rd Ave (Phoenix).

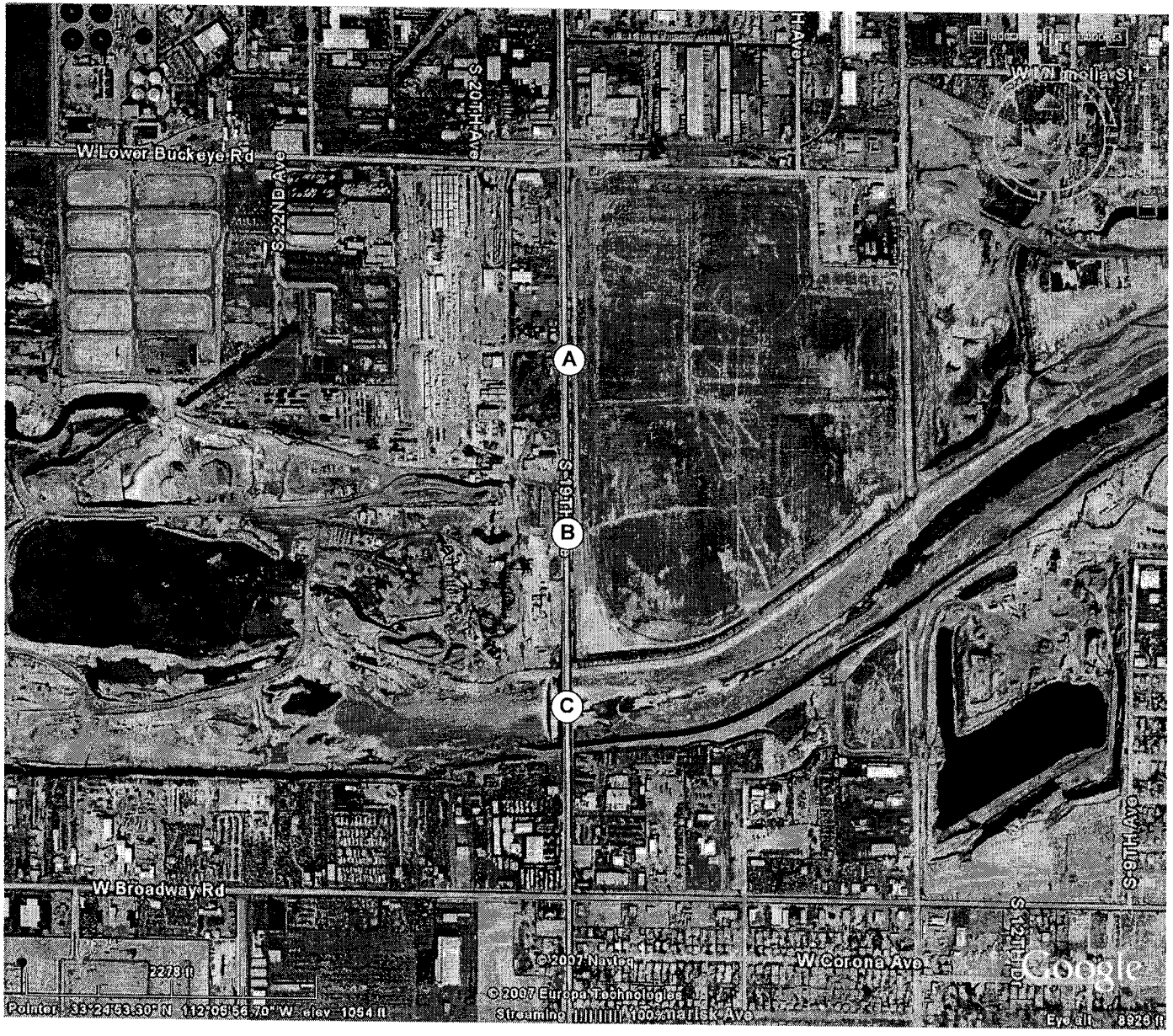

Figure A.9 Air photo showing specific sampling locations on 19th Ave between Broadway Rd. and Lower Buckeye Rd. (Phoenix).

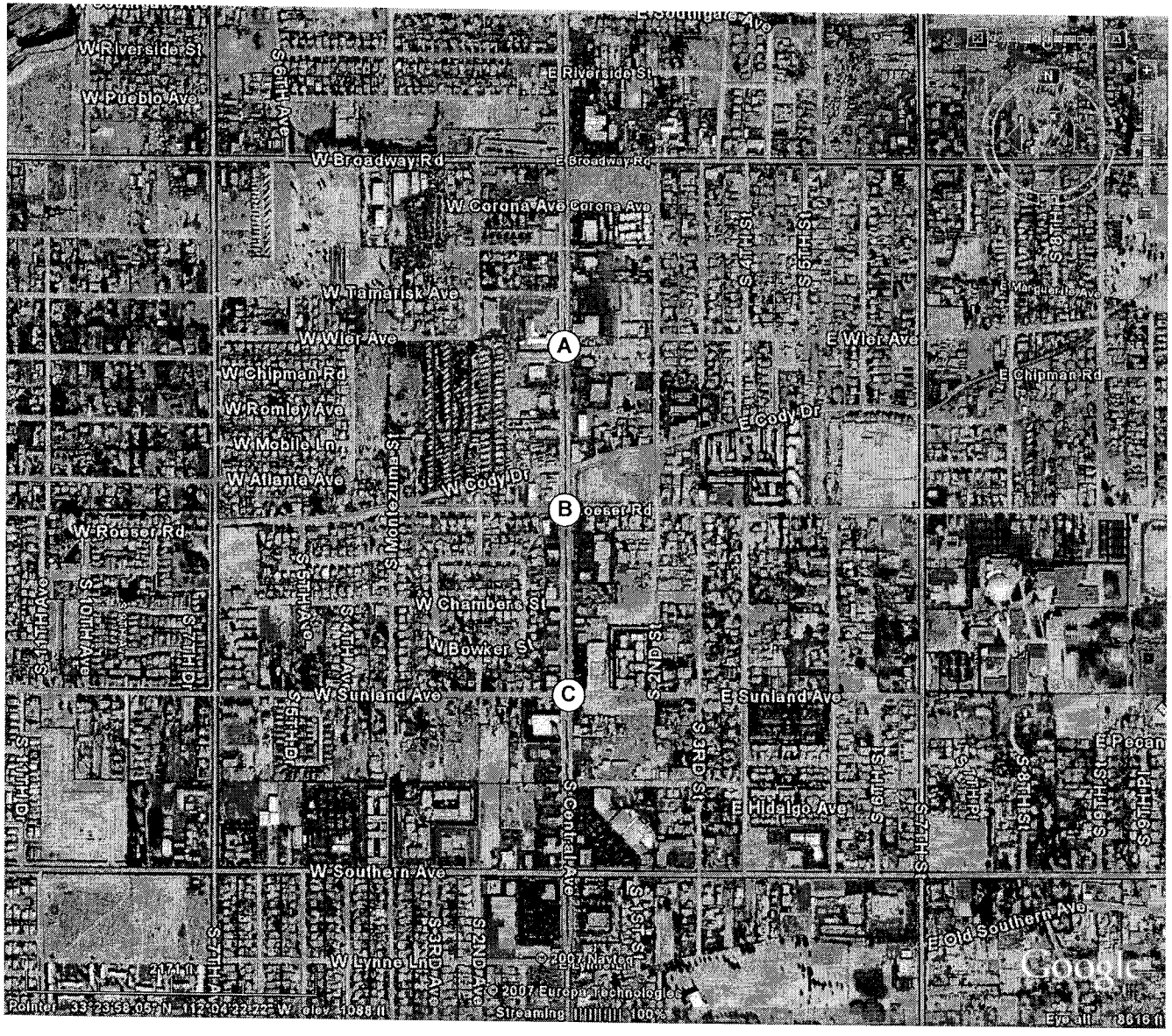

Figure A.10 Air photo showing specific sampling locations on Central Ave between Broadway Rd. and Southern Ave (Phoenix).

APPENDIX B

FIELD DATA SHEETS

Applied Envrionmental Consutants, Inc.
Contact: Bob Dulla
Recorded by: JEEP CHINDAVIJAK

Project: Sierra Research - Gilbert
Date: 8/28/07

Paved Roads

Location	Time	Filter #	Road Width (ft)	# of Lanes	Surface Type	Road Condition
SANTAN VILLAGE	8:55	192891	63.6	6	ASPHALT	GOOD
SANTAN VILLAGE	9:20	192892	63.6	6	ASPHALT	GOOD
SANTAN VILLAGE	10:00	192893	63.6	6	ASPHALT	GOOD
RAY RD.	10:05	192894	64.4	6	ASPHALT	ROUGH SURFACE
RAY RD.	10:15	192895	64.4	6	ASPHALT	GOOD
RAY RD.	10:25	192896	64.4	6	ASPHALT	GOOD
HIGLEY RD.	10:50	192897	63.7	6	ASPHALT	GOOD
HIGLEY RD.	11:05	192898	63.7	6	ASPHALT	GOOD
HIGLEY RD.	11:20	192899	53.1	5	ASPHALT	GOOD

Applied Envrionmental Consutants, Inc.
Contact: Bob Dulla
Recorded by: JEEP CHINDAVIJAK

Project: Sierra Research - Phoenix
Date: 8/29/07

Paved Roads

Location	Time	Filter #	Road Width (ft)	# of Lanes	Surface Type	Road Condition
39th Ave	8:35	192900	28.8	2	ASPHALT	GOOD
39th Ave	8:45	192901	29.3	2	ASPHALT	GOOD
39th Ave	8:55	192902	28.5	2	ASPHALT	GOOD
27th Ave	9:00	192903	60	6	CONCRETE	GOOD
27th Ave	9:25	192904	61	6	ASPHALT	GOOD
27th Ave	9:35	192905	61	6	ASPHALT	GOOD
27th & Durango	10:00	192906	51.2	4	ASPHALT	GOOD
27th & Durango	10:10	192907	37.3	3	ASPHALT	GOOD
27th & Durango	10:20	192909	29.6	2	ASPHALT	GOOD
Roosevelt	10:55	192910	25.8	2	ASPHALT	GOOD
Roosevelt	11:00	192911	25.3	2	ASPHALT	GOOD
Roosevelt	11:15	192912	43.1	2	ASPHALT	GOOD