

LAPORTA AND ASSOCIATES, L.L.C., GEOLOGICAL CONSULTANTS
CONTRIBUTIONS TO CULTURAL RESOURCE MANAGEMENT
SUMMER, 2009 Update

Projects in progress denoted by “in prog.”

Prehistoric Quarry Investigations

- in prog. “Phase III Investigations of the Chert Quarries at the Finch Trend, Smiths Basin Mine Site, Town of Hartford, Washington County, New York. Geological Mapping and Excavation of Chert Quarries and Associated Open Air Sites, OPRHP Review No. 96PRO303”: Report to be submitted to Jointa Galusha, L.L.C., Glens Falls, New York and Office of Parks, Recreation and Historic Preservation, Peebles Island, New York.
- 2009 “Phase 1B/II Cultural Resource Investigations of the Colarusso Quarry Expansion, Town of Greenport, Columbia County, New York”: Submitted to A. Colarusso & Son, Inc., Hudson, New York.
- 2008 “Phase II/III Resource Investigations of the Proposed Smiths Basin Mine, Town of Hartford, Washington County, New York”: Submitted to Jointa Galusha, L.L.C., Glens Falls, New York.
- 2008 “Phase 1B Supplemental Cultural Resource (Prehistoric Quarry) Investigation of the East Kingston Mine, Town of Ulster, Ulster County, New York”: Submitted to Spectra Environmental Group, Inc., Latham, New York.
- 2008 “Phase 1B Supplemental Resource Investigations of the Proposed Hillcrest Commons, Town of Carmel, Putnam County, New York”: Submitted to Wilder Balter Partners, Inc., Elmsford, New York.
- 2007 “Phase II Supplemental Cultural Resource Investigations of the Proposed Hillcrest Commons, Town of Carmel, Putnam County, New York”: Submitted to Wilder Balter Partners, Inc., Elmsford, New York.
- 2006 “Phase 1A Archaeological Geology Report, LaPorta Prehistoric Quarry Model, Fletcher’s Fork, Skinner’s Creek, and Ross Branch Drainages, Fort Campbell Military Reservations, Kentucky-Tennessee”: Submitted to BHE Environmental, Inc.
- 2006 “Phase 1A Cultural Resource Sensitivity Investigation of the Glenmere Preserve, Village of Florida, Town of Warwick, Orange County, New York”: Submitted to Bila Enterprises, Florida, New York.

- 2003 "Field Reconnaissance Report for the Prehistoric Quarry Investigation at the Chester Golf Course, Town of Chester, Orange County, New York": Submitted to Sherman Associates, Inc., Ramsey, New Jersey.
- 2001 "Data Recovery Plan and Educational Program for Prehistoric Quarry Investigation and Mitigation at the Smiths Basin Mine Site, Town of Hartford, Washington County, New York, OPRHP Review No. 96PRO303": Submitted to Jointa Galusha L.L.C, Glens Falls, New York.
- 2001 "Quartz Quarry Studies in the Precambrian of East Fishkill, Orange County, New York. Geological Mapping and Characterization of Quartz Vein Bedrock Quarries": Submitted to Thalle Industries, East Fishkill, New York.
- 2000 "Phase 1B Cultural Resources Survey-Supplement, Characterization of Prehistoric Quarry Development, Smiths Basin Mine Site, Washington County, New York, OPRHP Review No. 96PRO303: Submitted to Spectra Environmental Group Inc., Latham, New York.
- 2000 "Historic Mining Landscape and Geological Reconnaissance of the Elizabeth Mine, South Strafford, Orange County, Vermont": Submitted to Hartgen Archaeological Associates, Inc. Putney, Vermont.
- 1994 Contributions to Chapters 2, 7, 9 and 10 (covering regional geology, predictive models for prehistoric quarry locations, and lithic analysis) submitted as part of *An Archaeological Survey of the Wallpack Valley Portion of the Delaware Water Gap National Recreation Area, Sussex County, New Jersey, Project No. C7228.01*: Report prepared by 3D/Environmental Services, Inc., Cincinnati, Ohio for National Park Service, Washington, D.C.
- 1993 "Predictive Model for Quarry Locations, Delaware Water Gap National Recreational Area, Phase I Report Project No. C7228.01": Submitted to 3D/Environmental Services, Inc., Cincinnati, Ohio for National Park Service, Washington, D.C.
- 1992 "Phase II Testing at the Dutchess Quarry Site, Orange County, New York": Submitted as part of Dutchess Quarry & Supply Co., Inc. Cultural Resources Survey, Stages 1 and 2, Goshen Quarry Future Mining Area, Town of Goshen, Orange County, New York, prepared by Dunn Geoscience, Inc. and Hartgen & Associates, Inc., Troy, New York for the Dutchess Quarry & Supply Co., Goshen, New York.

Geomorphological and Quantitative Sedimentological Investigations in Glacial (Till Fabric/Till Petrology), Periglacial, Fluvial, Pluvial, Coastal and Estuarine Environments

- in prog. “Geological Catchment, Raw Material and Geomorphological Assessment of the Martin Luther King Boulevard Site, Luzerne County, Pennsylvania”: Report to be submitted to Pan Cultural, Inc., Pittstown, Pennsylvania.
- 2008 “Phase 1B/II Supplemental Cultural Resource Investigation of the Proposed Landmark Residential Development, Town of Greenbush, Westchester County, New York”: Submitted to LCOR, New York, New York.
- 2008 “Phase 1 Geomorphological Evaluation, Unadilla Project, Town of Unadilla, Otsego County, New York”: Submitted to Birchwood Archaeological Associates, Sidney Center, New York.
- 2007 “Phase 1 Geomorphological Evaluation, Saratoga Farms, Town of Saratoga, Saratoga County, New York”: Submitted to Columbia Heritage, Newburgh, New York.
- 2004 “Geomorphological Assessments of Sites 40Mt813, 40Mt815, and 40Mt816 (Area 8B), Fort Campbell Army Installation, Montgomery County, Tennessee”: Submitted to BHE Environmental, Inc., Cincinnati, Ohio.
- 2003 “Geological Catchment and Geomorphological Assessment of the Shohola Site (36PI169), Pike County, Pennsylvania”: Submitted to Cultural Heritage Research Services, Inc., North Wales, Pennsylvania.
- 2003 “Geomorphological Analysis for the Phase I Investigation of the Felix Dam Site, Berks County, Pennsylvania”: Report to be submitted to Kittatinny Archaeological Research, Inc., Stroudsburg, Pennsylvania.
- 2003 “Geomorphological Analysis of the Hopewell Junction Site, Town of Poughkeepsie, Dutchess County, New York”: Report submitted to J.R.Cohen Archaeological Associates, Inc., New York, New York.
- 2002 “Phase II/III Investigation, Unadilla Valley Central School District, Town of New Berlin, Chenango County, New York - 99PR0746: Raw Material, Petrofabric, and Geomorphological Analysis of Glacial Terraces (Olean and Binghamton Glacial Advances)”: Submitted to Hartgen Archaeological Associates, Inc., Rennselaer, New York.

- 2002 "Raw Material Analysis and Geomorphological Investigations of Paleochannel Development of the Passaic River Basin: Edwards Road/Killoren Site Route 280/Edwards Road Interchange, New Jersey": Submitted to The RBA Group, Morristown, New Jersey and Kittatinny Archaeological Research, Inc., Stroudsburg, Pennsylvania.
- 2001 "Phase IA Geomorphological Assessment, Belvidere, New Jersey": Geomorphological Analysis: Submitted to Kittatinny Archaeological Research, Stroudsburg, Pennsylvania.
- 2001 "Phase IA/IB Geomorphological Investigations of Crevasse Splays and Levee Development, Westfall Township, Pike County, Pennsylvania": Submitted to Kittatinny Archaeological Research, Inc., Stroudsburg, Pennsylvania.
- 2001 "Phase IA Supplemental Geomorphological Study and Geological Reconnaissance of the Black Creek Site (28-Sx-297), Vernon Township, Sussex County, New Jersey and Lithic Analysis of Artifacts Associated with the Black Creek Site": Submitted to Vernon Township, Sussex County, New Jersey.
- 2001 "Phase III Investigation of Historic Port Albany, Albany, NY, Geomorphological Analysis of the Albany Clay and Landscape Reconstruction": Submitted to Hartgen Archaeological Associates, Inc., Troy, New York.
- 2001 "Phase III Raw Material and Geomorphological Investigation of 40 Howard Street, Albany, New York": Submitted to Hartgen Archaeological Associates, Inc., Troy, New York.
- 1999 "A Geomorphological and Archaeological Analysis of Potential Dredged Material Management Alternative Sites in the New York Harbor-Apex Region": Submitted to Battelle Research Corp. for the Army Corps of Engineers - New York District.
- 1999 "Phase IA Geomorphological Assessment, Westfall Township, Pike County, Pennsylvania": Submitted to Kittatinny Archeological Research, Inc., Stroudsburg, Pennsylvania.
- 1997 "Geomorphological Assessment of the Surficial Deposits within a Transgressive Estuarine Complex, Bridgeport Municipal Airport, Stratford, Connecticut": Submitted to URS Greiner, Inc., Florence, New Jersey.

- 1995 "The Saxtant Site, C7537.02: Rathbone, Steuben County, New York: Part I, Lithic Catchment; Part II, Geomorphology and Soils Classification": Submitted to 3D/ESI, Inc., Cincinnati, Ohio for CNG Transmission Corporation, Clarksburg, West Virginia.
- 1995 Soil Survey for Tenneco Pipeline, Project No. C7373.02, Morgan County, Ohio": Submitted to 3D/ESI, Inc., Cincinnati, Ohio.

Geological Catchments, Raw Material Analysis and Lithic Analysis Reports

- in prog. "Geological Catchment and Raw Material Analysis for the Country Club of the Poconos Sites, Monroe County, Pennsylvania": Report to be submitted to Kittatinny Archaeological Associates, Inc., Stroudsburg, Pennsylvania.
- 2009 "Five Levels of Raw Material Analysis: The LPA Pyramid Approach™, as Applied to Three Data Recoveries (36MR119, 36MR 133, and 36NM204), Monroe and Northampton Counties, Pennsylvania": Submitted to R. Christopher Goodwin & Associates, Inc., Frederick, Maryland.
- 2005 "Geological Catchment, Raw Material and Lithic Analysis of the Deer Park Site, Wyoming County, Pennsylvania": Report to be submitted to Pan Cultural, Inc., Pittstown, Pennsylvania.
- 2002 "Geological Catchment for the Ulster County Jail Prehistoric Quarry Site, Town of Kingston, Ulster County, New York": Submitted to Hartgen Archaeological Associates, Inc., Rennselaer, New York.
- 2002 "Raw Material Characterization, with Special Emphasis on the Origin of Argillite Artifacts, Recovered from the Phase II Investigation of Site 36MG112, Rivercrest Development, Upper Providence Township, Montgomery County, Pennsylvania": Submitted to Kittatinny Archaeological Research Inc., Stroudsburg, Pennsylvania.
- 2000 Contributions to "*Phase III Data Recovery Excavations at the Neal Garrison Paleoindian Site (1.8ME), Eliot, York County, Maine: Raw Material Identification*": Submitted to John Milner Associates, West Chester, Pennsylvania.
- 2000 "Raw Material Analysis of Lithic Artifacts Recovered from the Phase II Investigation of Site 36MG112, Rivercrest Development, Upper Providence Township, Montgomery County, Pennsylvania": Submitted to Kittatinny Archaeological Research, Inc., Stroudsburg, Pennsylvania.

- 1999 "Lithic Analysis of Artifacts Recovered during the Phase III Investigation of the Philip's Meadow Site, Charles County, Maryland, Project No. 39582-001": Submitted to Dames & Moore, Bethesda, Maryland.
- 1998 Contributions to *Archaeological Evaluation of Six Sites, Lee County, Virginia, United States Penitentiary, Lee Pennington Gap, Virginia*", Appendix D: *Analysis of Hornfels Artifact*: Submitted to Louis Berger and Associates, Inc., Richmond, Virginia.
- 1998 Contributions to *Data Recovery and Excavations of the Whitehurst Freeway, Sites 51NW103, 51NW104 and 51NW117*, including a) The Geological Catchment for the Capitol District, b) Petrographic Atlas of Quartzite Textures, and c) Petrographic Atlas of Woodland Ceramics: Submitted by Parsons Engineering Science, Inc., Fairfax, Virginia for National Park Service, Washington, D.C.
- 1998 "Lithic Analysis for Long Valley Project 2163, Morris County, New Jersey": Submitted to Louis Berger & Associates, Inc., East Orange, New Jersey.
- 1998 "Lithic Resource Assessment for Phase II Excavations at Marshalls Creek, Monroe County, Pennsylvania": Submitted to Cultural Heritage Research Services, Inc., North Wales, Pennsylvania.
- 1997 "Lithic Analysis of Materials Recovered during Phase III Excavations of the Bennett Site (36 Sq 109), Susquehanna County, Pennsylvania": Submitted to Louis Berger & Associates, Inc., East Orange, New Jersey.
- 1997 "Petrographic and Hand Sample Analysis of Lithic Materials Recovered from Site 18 PR 119, Sherwood-3 Project, Prince Georges County, Maryland": Submitted to R. Christopher Goodwin & Associates, Frederick, Maryland.
- 1997 "Geologic Catchment and Lithic Analysis for Phase II of the Iroquois Compressor Project, West Athens Hill, New York": Submitted to Hartgen Archeological Associates, Inc., Troy, New York for Iroquois Gas Company.
- 1997 "Geologic Reconnaissance in the Lower Devonian Helderberg Group for Phase IB of the Sprint Telecommunications Line Study, New Baltimore Township, New York": Submitted to Hartgen Archeological Associates, Inc., Troy, New York.

- 1996 "Technical Report for Lums Pond, Delaware Archeological Investigation: A Chemical Characterization of Jasper Artifacts Originating from New Jersey, Pennsylvania and Delaware": Submitted as part of *The Prehistory of the Lums Pond Site, Newcastle County, Delaware*, prepared by Parsons Engineering Science, Inc., Fairfax, Virginia for Delaware Department of Transportation, Newark, Delaware.
- 1996 "Technical Report for Site PS 56R, Staten Island": Submitted to Historical Perspectives, Inc., Westport, Connecticut.
- 1996 "Technical Report for Veteran's Administration National Cemetery, Site 731, Town of Stillwater, Saratoga County, New York: Phase II Archeological Investigation": Submitted to Hartgen Archeological Associates, Troy, New York.
- 1995 "Geological Catchment for Central Hudson Utility Line Project (P and MK Line, Ulster County), Phase IB Report": Submitted to Hartgen Archeological Associates, Inc., Troy, New York for Central Hudson Power and Gas, Albany, New York.
- 1995 "Geological Catchment for Kingston Business Park, Kingston, New York, Project No. 426, Phase II Report": Submitted to Hartgen Archeological Associates, Inc., Troy, New York for the City of Kingston, New York.
- 1995 "Lithic Analysis of the Catskill Quarry Collection, Project No. 347, Phase IB Report": Submitted to Hartgen Archeological Associates, Inc., Troy, New York.
- 1995 "Lithic Analysis and Geologic Catchment for the New Hampshire Wal-Mart RDC Site, Phase II Report": Submitted to Hartgen Archeological Associates, Inc., Troy, New York.
- 1995 "Lithic Analysis of the Wood's Edge Collection, Phase I Report": Submitted to Kittatinny Archaeological Research, Inc., Stroudsburg, Pennsylvania.
- 1995 "Lithic Analysis of the Richfield Site, Phase II Collection": Submitted to Kittatinny Archaeological Research, Inc., Stroudsburg, Pennsylvania.
- 1995 "Geological Catchment for Site C7477.01 Along the Tejas Transmission Line, Northern Tioga County, Pennsylvania, Phase IB Report": Submitted to 3D/ESI, Inc., Cincinnati, Ohio for Tejas Gas Corporation, Houston, Texas.

- 1994 "Phase III Survey and Testing Along the CNG Natural Gas Pipeline, Kettle Creek Sites (36-Cn-165 and 36-Cn-199), Clinton County, Pennsylvania": Submitted as part of *Archaeological Excavations on Kettle Creek: Investigations at 36CN165 and 36CN199, Clinton County, Pennsylvania*, prepared by Engineering Science, Washington, D.C. for CNG Transmission Corporation, Clarksburg, West Virginia.
- 1994 "Catchment Geology for Prehistoric Sites Located within the Chilhowee and Glade Springs Quadrangles, Roanoke, Virginia, Phase 2 Report": Submitted to 3D/Environmental Services, Inc., Cincinnati, Ohio for National Park Service, Washington, D.C.
- 1994 Contributions to Chapters 2, 6 and 7 (covering regional geology and lithic analysis) submitted as part of *Archaeological Data Recovery for Transcontinental Gas Pipe Line Corporation's 6.79 Mile Leidy Natural Gas Pipeline Expansion, Sandt's Eddy Site (36-Nm-12), Northampton County, Pennsylvania*, prepared by 3D/Environmental Services, Inc., Cincinnati, Ohio for Transcontinental Gas Pipe Line Corporation, Houston, Texas.
- 1993 "Phase III Survey and Testing Along the CNG Natural Gas Pipeline (TL-400 Extension 1), Beaver, Butler and Armstrong Counties, Pennsylvania": Submitted as part of *Archaeological Data Recovery in the Upper Ohio Valley: Investigations at 36BV292, A Prehistoric Site on Connoquenessing Creek, Beaver County, Pennsylvania*, prepared by Engineering Science, Washington, D.C. for CNG Transmission Corporation, Clarksburg, West Virginia.
- 1993 "Geological Report for the Chapel Farm Estate Quartz Quarries, Phase II Report": Submitted to City Scape, Inc., Brooklyn, New York for New York City Landmark Division.
- 1993 "Lithic Analysis of the Minisceongo Site, Site Nos. 177 and 195, Rockland County, New York": Submitted to Hartgen Archeological Associates, Inc., Troy, New York.
- 1992 "Geological Reconnaissance for the Kerr Estates, Site No. 224, Ulster County, New York": Submitted to Hartgen Archeological Associates, Inc., Troy, New York.
- 1992 "The Padula Geological Catchment Area and Prehistoric Lithic/Mineral Resource Procurement" and "Analysis of the Prehistoric Lithic

Assemblage": Submitted as part of *Archaeological Data Recovery for Transcontinental Gas Pipe Line Corporation's 6.79 Mile Leidy Natural Gas Pipeline Expansion, Padula Site (36-Nm-15), Northhampton County, Pennsylvania*, prepared by 3D/Environmental Services, Inc., Cincinnati, Ohio for Transcontinental Gas Pipe Line Corporation, Houston, Texas.

1992 "Geological Reconnaissance for the Sussex County Sewer Project, Borough of Sussex, Sussex County, New Jersey, Phase IA Report": Submitted to Kittatinny Archaeological Research, Inc., Stroudsburg, Pennsylvania for the County of Sussex, New Jersey.

1990 "Geological Reconnaissance Study of the Sharkey Landfill Superfund Site, Rockaway Neck, Morris County, New Jersey, Phase I Report": Submitted to Joel Grossman & Associates, Inc., New York, for Burns & Roe Industrial Services Co.