



Christopher D. Scott

Current Position

Sr. Principal Associate

Profession

Mining Engineering

Years' Experience

35+

Education

BS – Mining Engineering,
Virginia Polytechnic Institute
and State University

AS – Engineering, Southwest
Virginia Community College

Summary of Experience

Mr. Scott currently holds the position of Senior Principal Associate for Marshall Miller & Associates (MM&A). His project background includes an executive-level engineering position with a major aggregate producer. He has overseen the engineering, permitting, installation and operation of surface mines, including those in North Carolina. Mr. Scott brings a wealth of practical engineering and operational expertise to the MM&A team.

Significant Projects

- > Managed employees and consultants in the areas of long and short range mine planning, aerial photography, annual inventory, topographic mapping, stripping plans and bid packages, construction management, hydrology studies, geologic exploration, wetlands permits, rezoning development plans, mine permits, acquisition evaluations, mine cost analyses, public hearings, annual pit volumetrics, surveying, slope stability, equipment utilization, mobile equipment efficiency studies, and beautification for 73 operating quarries, sales yards, and greenfield sites. .
- > Trainer for Drilling and Blasting Principles and Standards program.
- > Superintendent of a metropolitan crushed stone operation, where he was accountable for the entire complex through at least one level of subordinate supervisors.
- > Winner of Aboutface Award and Showplace Award from the National Stone Association for excellence in Quarry Beautification
- > Proficient with the following computer software, hardware, and systems: Q-pit and MineSight mine planning software; AutoCAD Civil 3D, AutoCAD Land Development Desktop, Eagle Point; GPS and reflector-based surveying equipment and software; Fleet Study and Cat FPC (software for cost analyses and sizing of mobile equipment); Visual Basic and ASP.NET (programming language).



Professional History

Manager of Mining Engineering for Mideast Division

Vulcan Materials Company

Managed Mining Engineering for Mideast Division. Coordinated requests from plant superintendents and operations managers to staff services. Managed employees and consultants in the areas of long and short range mine planning, aerial photography, annual inventory, topographic mapping, stripping plans and bid packages, construction management, hydrology studies, geologic exploration, wetlands permits, rezoning development plans, mine permits, acquisition evaluations, mine cost analyses, public hearings, annual pit volumetrics, surveying, slope stability, equipment utilization, mobile equipment efficiency studies, and beautification for 73 operating quarries, sales yards, and greenfield sites. Daily responsibilities covered a territory from Pennsylvania to South Carolina, while acquisitions and support projects required travel throughout the U.S. and Canada. Heavily involved with PC platform computers installing hardware, upgrading software, and operating programs for design, presentation, data transfer, and video. Trainer for Drilling and Blasting Principles and Standards program.

Superintendent of a Metropolitan Crushed Stone Operation

Vulcan Materials Company

Accountable for the entire complex through at least one level of subordinate supervisors. Administrative duties included: budget preparation; capital expenditure planning (AFE's); recruiting, screening, selecting, and training supervisors, skilled, semi-skilled, and unskilled employees; public relations; beautification; employee relations; customer relations; and implemented and monitored a defensible and effective safety plan. Managed the development of a greenfield site from the latter stages of permitting through setting up mining operations. Opportunities included liaison with local politicians, community leaders, neighbors, school officials, and state and local regulators.

Prior work: Completed management training program with Vulcan Materials and was promoted to Pit Foreman. Position required direct supervision and responsibility of 12 employees in drilling, blasting, loading, hauling, primary crushing, stripping, pit dewatering, and maintenance of an open pit, granite, construction aggregate quarry.

Owner of Construction Company

Matsco Enterprises

Owned and operated a small construction company. Contracts acquired were for septic systems, general excavation and grading, carpentry, masonry, and engineering layout.

Assistant Foreman (Preparation Plant)

Consolidation Coal Company

Assistant Foreman at a coal preparation plant. Duties included supervision of 46 total employees, 18 at any given time, in preparing a refined coal product for shipment.



Responsibility to employees entailed: time keeping, safety awareness, UMWA disputes, accident reports, and general shift instruction. Responsibility to company included: production quotas, shift reports (violations and methane readings), impoundment inspections, providing assistance to federal and state inspectors when visiting, purchasing supplies by purchase requisition, stock inventory of consumables and replacement parts, and supervising maintenance crews on repairing stationary equipment and mobile equipment.

Industrial Engineer

Consolidation Coal Company

Underground experience as an Industrial Engineer, time studies on continuous miner, shuttle car haulage, roof bolters, drill jumbo and loading machine on continuous and conventional sections. Surface experience in preparation department sampling plants and clean coal storage facilities. Laboratory experience with Coal, Air, and Water analyses.

Summer Study (Environmental Quality Control)

Consolidation Coal Company

Summer student in Environmental Quality Control department; field monitoring and sampling of water discharges, oil spill clean-up, removal of toxic substance (PCB's), mapped new and existing discharges and filed EPA permits. Also worked in Engineering and Drafting department; mapped underground field notes and levels, estimated tonnage reserves, revised projection maps, and performed ventilation surveys.

Continuing Education

Courses taken for continued personal development include:

- > Executive Education - Program for Management Development (9-week management training course by University of North Carolina – Greensboro, Bryan School of Business covering: Marketing, Finance, Strategy, Accounting, Economics, Information Systems, Operations Management and "Big Picture Management")
- > Bruno U (4-week management course by Vulcan Materials Company Corporate Training Center)
- > AutoCAD level I and II (by North Carolina State University)
- > Explosives and Blasting (Queens University, Kingston, Ontario, Canada)
- > Microsoft Office training
- > Technical Writing Skills
- > Time and Life Management
- > Supervisory Communication
- > Staying Union Free
- > North Carolina Explosives Safety
- > NSA Supervisory Training I and II
- > Maintenance of Nordberg Process machinery
- > Behavioral Interviewing