

FINAL SUBMITTAL



GLENNALLEN TO PALMER SPUR LINE SOILS STUDIES

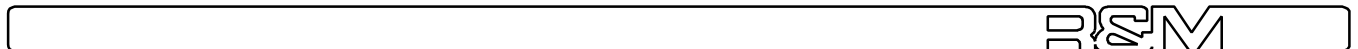
**VOLUME 1 OF 2
MAIN REPORT**

CONTRACT NO. 06-0410

Prepared For:

**ALASKA DEPARTMENT OF REVENUE
ALASKA NATURAL GAS DEVELOPMENT AUTHORITY**
411 West 4th Avenue
Anchorage, Alaska 99501

October, 2005



R&M CONSULTANTS, INC.

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ACRONYMS AND ABBREVIATIONS

ADF&G	Alaska Department of Fish and Game
AEIDC	Alaska Environmental Information and Data Center
AMDS	Amplitude Modulation Data System
ANGDA	Alaska Natural Gas Development Authority
ATV	All Terrain Vehicle
Avg.	Average
BOP	Beginning of Project
B.P.	Before Present
CFR	Code of Federal Regulations
CL	Centerline
DGGS	Division of Geological and Geophysical Surveys (Alaska)
DOC	Depth of Cover
DOT&PF	Department of Transportation and Public Facilities (Alaska)
EOP	End of Project
F	Fahrenheit
FAA	Federal Aviation Administration
Ft.	Feet
GPS	Global Positioning System
In.	Inch
km	Kilometer
M	Meter
Max.	Maximum
Mi.	Mile
Min.	Minimum
MP	Milepost
Mw	Moment Magnitude
N/A	Not Applicable
NASA	National Aeronautical and Space Administration
NFS	Non-Frost Susceptible
pcf	Pounds per Cubic Foot
R	Range
R&M	R&M Consultants, Inc.
ROW	Right-of-Way
RSC	Route Soil Conditions
SI	Systeme International
T	Township
TAPS	Trans-Alaska Pipeline System
TUM	Terrain Unit Map
USA	U.S. Army
USC	Unified Soil Classification
USGS	U.S. Geological Survey
WGS	World Geodetic System
Xing	Crossing