

## **Myanmar Field Program – Central-Southwest Rakhine Coastal Belt**

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### **ABSTRACT**

An extensive field program was executed within the Rakhine Coastal Belt in February, 2016. The objective of the program was field sample description and collection, detailed laboratory analysis, and stratigraphic definition from surface geologic features and exposures observed along the central-southwestern Myanmar coast. Field samples were collected from 19 locations along a 450 km traverse extending from the northern portion of Ramree Island and continuing through the coastal communities of Thandwe, Gwa, and ending in the area of Ngwe Saung. A total of 87 individual field samples were collected and delivered for further laboratory based analysis. Representative samples from unique geologic features seen along the western coastal area of Myanmar including mud volcanos and hand-dug wells along with more conventional Eocene-Miocene aged outcrop samples are included in the field program and provide a unique and comprehensive dataset for assessment of the frontier Rakhine basin. Several new technology applications were employed during the field work. These new technologies allowed real-time updates and offline functionality of exposure location and coordinates, sample and outcrop description and documentation, and structural relationships.