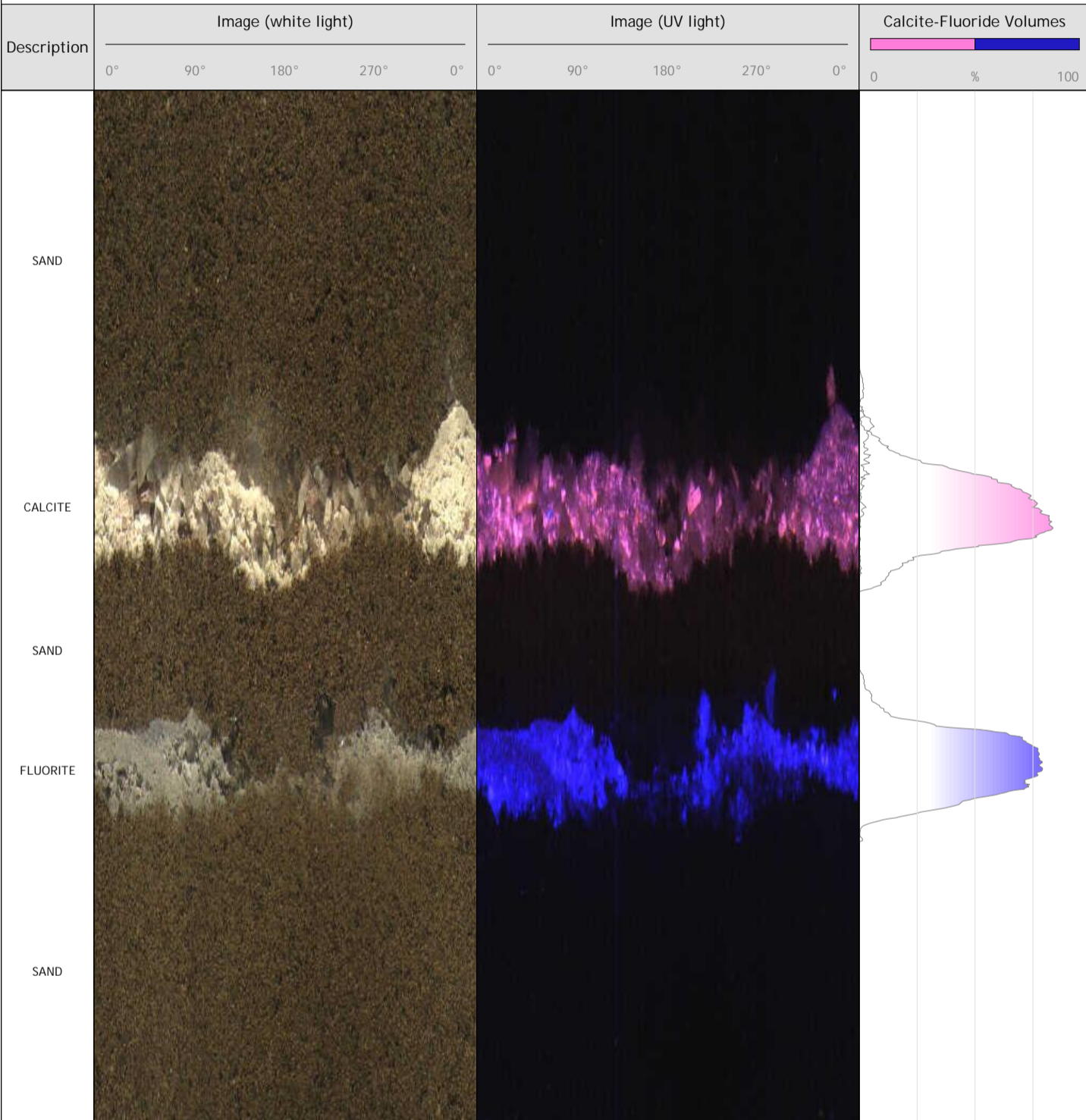


This optical televiewer combines a white light as well as an ultraviolet (UV) light source in the same logging tool. In separate passes images of the borehole wall can be acquired using the white (visible) or the ultraviolet light source. When certain minerals or hydrocarbon are exposed to ultraviolet light characteristic fluorescence can be observed in the resulting images. The samples below show the fluorescence of Calcite and Fluorite minerals as well as Diesel pollution in a Sand body from our lab test site.

Specifications		Optical System		Compatibility	
Diameter:	40mm (1.6")	Sensor:	1/3" high sensitivity CMOS digital image sensor	Wirelines:	Multi conductor, mono or coaxial
Length:	1.49m (58.7")	Color res.:	24 bits RGB true colors	Logging Sys.:	OPAL, SCOUT, MATRIX
Weight:	5.3kg (11.7lbs)	Azi. res.:	120, 180, 360, 600,900, 1800 pts	Software:	Logger Suite v.12.1 b2388 WellCAD v5.2
Temperat. (max):	70°C (158°F)	Vert. res.:	User defined. Function of depth encoder resolution.		
Pressure (max):	200bar (2900psi)				
Azi. accuracy:	+/- 1.2°				
Tilt accuracy:	+/- 0.5°				

OBI-2G UV - Mineral identification in sand body



OBI-2G UV - Diesel polluted sand body

