GEOGRAPHIC COORDINATES *

LATITUD 12º 13' 18.43" S
LONGITUD 72º 49' 15.44" W

MERCATOR COORDINATES

North 8'648,300 m East 736,500 m
North 8'644,500 m East 736,500 m

SCALE 1:2500

* Coordinate of the Mainique gorge north entrance

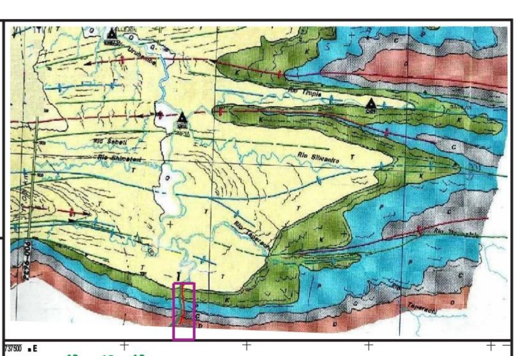
PONGO DE MAINIQUE

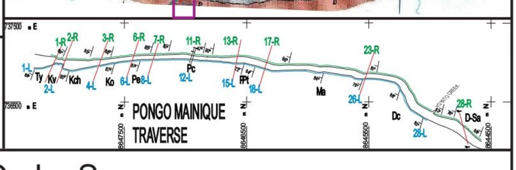
LOWER PALEOGENE - PALEOZOIC

AUTHOR:

HUGO VALDIVIA AMPUERO

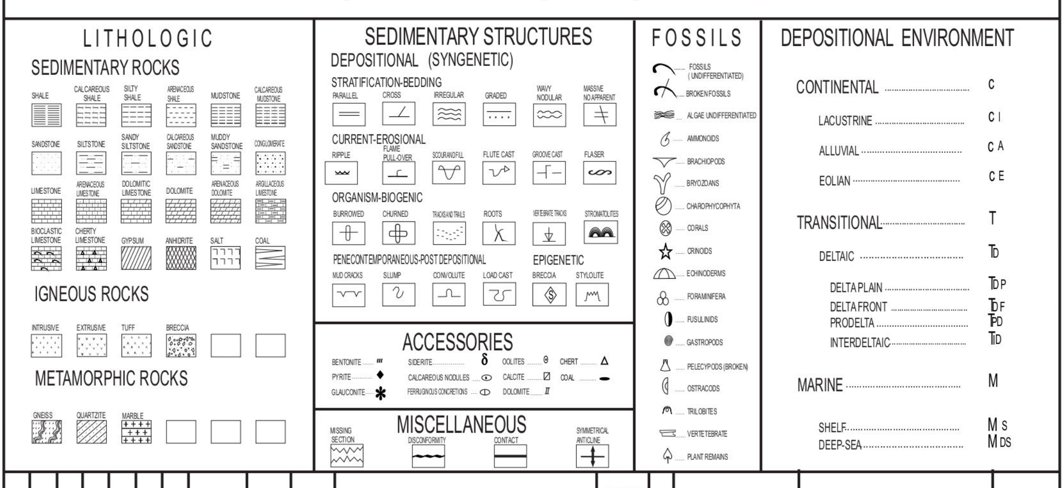
DEC - 2005





Method of survey: Measure-tape and compass. Station to Station.
Accessibility: The Pongo de Mainique is a gorge, cut by the major Rio Urubamba through almost vertical beds
Definition: very good access.

S Y M B O L S



INFORMATION SOURCE:

The Pongo de Mainique Stratigraphic Section was surveyed by many oil private companies, since 1930 "Standard Oil Company of New Jersy", H.R, Bassler; but detail measurement and sampling was carried out since 1961.

FIELD WORK.

International Petroleum Company (I.P.C.)	1961	V .Benavides, B Campodonico and H. Valdivia
Petroperu-Shell Exploradora del Perù.	1981	H. Valdivia, F. Soto and A. Berrospedi - M. Hearring (Shell)
Chevron Ovberseas Petroleum (Peru) Ltd.	1996	H. Valdivia, A. Montoya

PALEONTOLOGY

Macro-Micro invertabrate fossil identification	1961	V. Benavides (I.P.C.)	
Charophycophyta	1968	E. Aliaga,	(I.P.C)
	1982	M. Gutierres	(PETROPERU)

PALINOLOGY

J.M. Lammons, 1968 (I.P.C.)[1] ; H. Muller ** 1982 (BGR)[2] ; C.L. Azcuy *** 1992 (UBA)[3]

GEOCHEMISTRY

Total Organic Content (T.O.C) and Vitrinite Reflectance was carried out by Bundesanstalt fur Geowissenschaften und Rohstoffe (BGR) laboratoies -1982

Note
1 International Petroleum Company
2 Bundesanstalt fur Geowissenschaften und Rohstoffe
3 Universidad de Buenos Aires

REMARKS: The Pongo de Mainique Section is the reference surface section for the Ucayali and Madre de Dios basins. A complete stratigraphic section ranging from the Huayabamba Group (Paleogene) down to the San Gaban Formation (Silurian) is exposed in the steep banks of the gorge.

OIL INDICATOR

RED BEDS

MARRON BEDS

PINKISH RED BEDS