U. S. Geological Survey
OPEN FILE REPORT 79-1525
This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE INSTITUTO NACIONAL DE INVESTIGACIONES GEOLOGICO-MINERAS

OPEN FILE REPORT
(IR)CO-39

EXPLANATION

Contact between members, questioned where correlation is inexact.

Correlation of key phosphorite horizons, questioned where uncertain

Unconformable contact between formations, questioned where uncertain

Horizontal

Vertical

ROCK NAMES

- Phosphorite
- Sandstone
- Siltstone
- Claystone
- Porcellanite
- Limestone
- Limestone Concretion
- Covered

ADJECTIVES

- Phosphatic
- Sandy
- Silty
- Argillaceous
- Siliceous, or thin interbedded porcellanite
- Calcareous

LA LUNA FORMATION
GALEMBO MEMBER
PUJAMANA MEMBER
UNIR SHALE

① Quebrada Los Indios (G. Margarita)

② Quebrada Mata Perra (hda Pomas) (F. Pachón P.)

③ Quebrada Los Arcos (F. Pachón P.)

④ Puente Río Chucurí en road to Peña Negra (F. Pachón P.)

⑤ Cerro Galembo (near Hda Sinaloa) (F. Pachón P.)

⑥ Quebrada Los Altos (R. Durán R.)

⑦ Quebrada La Sorda (E. K. Maughan, D. E. Ward, F. Pachón P., J. Aboccajo M., R. Durán R., and P. Soñez S.)

⑧ Quebrada Cóligo (Hda. El Nerenal) (P. Soñez S.)

⑨ Quebrada Cóligo (Hda. El Cairo) (P. Soñez S.)

⑩ Caño Salado (P. Soñez S.)

⑪ Caño del Vasquez (P. Soñez S.)

⑫ Cañada Afanos (J. Aboccajo M.)

Plate 2. Correlation of measured sections of Galembo Member of La Luna Formation from the vicinity of San Vicente to the vicinity of Vanegas, Santander. Location of sections shown on Plate 4.