

GEOGRAPHY LEGEND

SYMBOL

DESCRIPTION

TYPE 1 BOUNDARY

DEEP CONTINUOUS TRENCH ALONG PB - TYPICALLY - 7000 M WATER DEPTH

DEEP WATER ON ONE SIDE OF PB AND TRENCH - TYPICALLY 4000-5000 M WATER DEPTH

SHALLOW WATER OR LAND MASS ON OTHER SIDE OF PB

THESE PB ARE OFTEN CURVED (ARC SHAPED) WITH THE SHALLOW SIDE ON THE 'INSIDE' OF THE ARC

THERE ARE OFTEN MOUNTAINS OR MOUNTAINOUS ISLANDS ON THE SHALLOW SIDE OF THE PB

THE MOUNTAINS OR MOUNTAINOUS ISLANDS PARALLEL THE PB



TYPE 2 BOUNDARY

ROUGHLY SYMMETRIC RUGGED MOUNTAIN CHAIN FOLLOWS THE PB IN THE OCEAN

MOUNTAINS CUT BY PERPENDICULAR GASHES THAT EXTEND OVR 30 DEGREES OR MORE FROM THE PB

WATER DEPTH ALONG PB IS TYPICALLY 1000 TO 3000 LESS THAN FAR FROM THE PB

THE MOUNTAIN CREST IS OFFSET BY THE CLOSELY SPACED GASHES

THE GASHES ARE RELATED TO THE ZIG-ZAG CHARACTER OF THE PB

THERE IS USUALLY A VALLEY ALONG THE CREST OF THE PB AND MOUNTAIN CHAIN

THIS VALLEY IS PERPENDICULAR TO THE GASHES



TYPE 3 BOUNDARY

SIMILAR TO TYPE 2 BOUNDARY EXCEPT MOUNTAIN RIDGE HAS GENTLER SLOPE AND SMOOTHER SURFACE

THE GASHES ARE FURTHER APART (IF PRESENT) AND THE OFFSETS ARE LARGER

THERE IS NO AXIAL VALLEY AND SOMETIMES THERE IS AN AXIAL RIDGE



TYPE 4 BOUNDARY

PB ASSOCIATED WITH HIGH MOUNTAINS PARALLEL TO PB



TYPE 5 BOUNDARY

VERY IRREGULAR PATTERN OF MOUNTAINS AND BASINS AND SEAS



UNMARKED

NO APPARENT PATTERN ASSOCIATED WITH PB