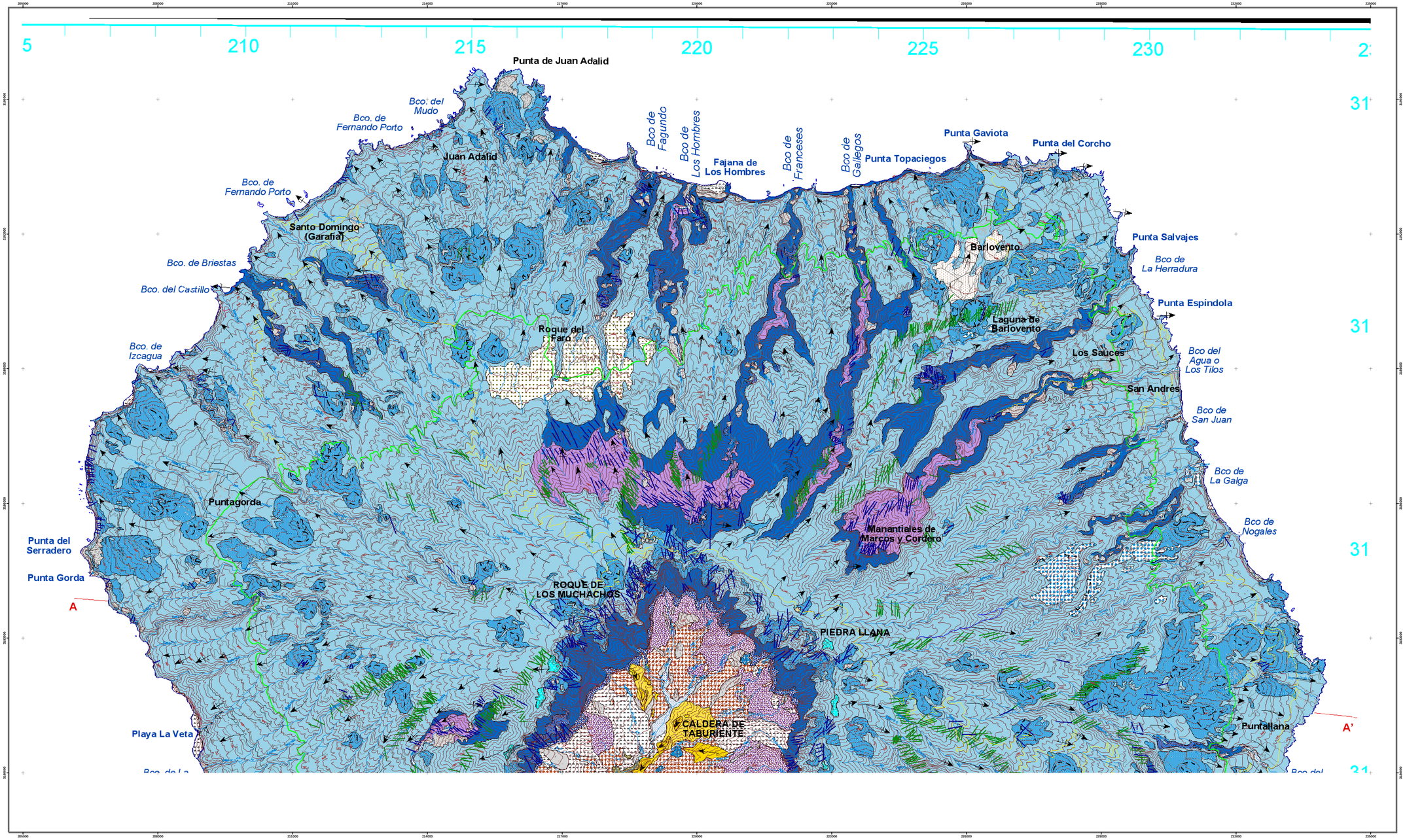

CUMBRE VIEJA VOLCANO

PLATFORM-FORMING ERUPTIONS

HISTORIC ERUPTIONS

Historic Volcanism

XXI CENTURY

44.- Basaltic lavas

43.- Phreatomagmatic deposits

42.- Basaltic pyroclastics

XIX CENTURY

41.- Basaltic lavas

40.- Phreatomagmatic deposits

39.- Basaltic pyroclastics

XVII CENTURY

38.- Basaltic lavas

37.- Basaltic pyroclastics

XV CENTURY

36.- Intrusions of juvenile phonolites

35.- Basaltic lavas

34.- Basaltic pyroclastics

1492 — *DATED PRE HISTORIC ERUPTIONS*

33.- Basaltic lavas

32.- Phreatomagmatic deposits

31.- Tephritic and phonolitic lavas

30.- Intrusions of juvenile phonolites

29.- Basaltic, basanitic and tephritic pyroclasts

OTHER PLATFORM-FORMING ERUPTIONS

28.- Basanitic, tephritic and phonolitic lavas

27.- Phreatomagmatic vents and deposits

26.- Basaltic pyroclastics

CLIFF-FORMING ERUPTIONS

25.- Basaltic lavas

24.- Tephritic and phonolitic domes and lavas

23.- Phreatomagmatic vents and deposits

22.- Basaltic pyroclastics

BEJENADO VOLCANO

TEMINAL DIFFERENTIATED VENTS

21.- Basanitic, tephritic and phonolitic lavas

20.- Basaltic, basanitic and tephritic pyroclasts

LATERAL AND PERIPHERAL VENTS

19.- Basaltic lavas

18.- Basaltic pyroclastics

MAIN STRATOVOLCANO

17.- Basaltic lavas

16.- Phreatomagmatic vents and deposits

15.- Basaltic pyroclastics

14.- Agglomerates and debris avalanche deposits

Tectonic discordance (lateral collapse)

TABURIENTE VOLCANO

UPPER TABURIENTE

13.- Terminal differentiated lavas (tephrytes and phonolites.)

12.- Gabbros

11.- Basaltic lavas

10.- Phreatomagmatic deposits

9.- Basaltic pyroclastics

LOWER TABURIENTE

8.- Basaltic lavas (predominant)

7.- Basaltic pyroclastics

6.- Agglomerates and breccias

Tectonic discordance (lateral collapse)

GARAFÍA VOLCANO

5.- Basaltic lavas and pyroclasts densely injected by basaltic dykes

4.- Agglomerates, breccias and debris avalanche deposits — EROSIVE AND ANGULAR DISCORDANCE (EROSIVE GAP, UPLIFT AND TILT)

SEAMOUNT

3.- Gabbros

2.- Trachytic and phonolitic domes and lava domes

1.- Submarine lavas and breccias

SEDIMENTARY FORMATIONS

HOLOCENE SEDIMENTS

54.- Sand and pebble beaches

53.- Beach rocks

52.- Rock falls

51.- Scree deposits

50.- Alluvial

PLEISTOCENE SEDIMENTS

49.- Alluvial terraces

48.- Soils from weathered lapilli

47.- Scree deposits

46.- Marine fan-delta of El Time

45.- Sediments of La Mata (scree deposits and lahars)

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PLAN TERRITORIAL ESPECIAL DE ORDENACIÓN DE LA ACTIVIDAD TURÍSTICA ISLA DE LA PALMA

GEOLOGÍA

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APROBACIÓN PROVISIONAL

DOCUMENTO DE APROBACIÓN INICIAL REFUNDIDO CON ACUERDOS DE ALEGACIONES

MEMORIA AMBIENTAL

INVENTARIO INSULAR

ANEJO 1