

MAPA GEOLÓGICO DOS MORROS DE SANTOS E SÃO VICENTE

CONVENÇÕES

- QUATERNÁRIO**
- Qc**
DEPÓSITOS COLUVIONARES: areias, siltes e argilas em proporções bastante variáveis.
- Qa Qm**
SEDIMENTOS ALUVIONARES (a) E MARINHOS (m) INCONSOLIDADOS: areias, siltes e argilas em proporções variáveis.
- AB**
CRATÉRIO
INTRUSIVAS BÁSICAS: diabásio em corpos tabulares, de dimensões geralmente não superiores ao eixo e diâmetro e frequentamento associada a zonas de cisalhamento.
- 7s**
GRANITO SANTOS: granito equigranular, sem orientação, de cor bege a rósea, gran fino a médio. Forma corpos intrusivos de caráter pós-tectônico. É cortado por cupas e pegmatitas.
- PC7s**
ROCHAS CATACLÁSICAS: granodioritas e micaxistos com foliação e lineação pronunciadas, intensamente recristalizadas, associada a zonas de fechamento de rejeito gálico.

- PRE-CAMBRIANO SUPERIOR E INTERMÉDIO**
- PC7m/PC7s**
GRANITO COM MESACRISTAS ORIENTADAS: granodiorite embasáltica, inequigranular, de cor rósea a bege. Lamentavelmente ocorre sempre em parcelas orientadas, quartzeiras (+Pq) e raras intrusões de alteração das migmatitas (+Pmg). Estas cortam as secundárias, são intrusivas nos megacristais, e que têm as suas estruturas pós-tectônicas.
- PC7m/PC7s**
COMPLEXO PIACASQUERA
PC7m - MIGMATITOS ESTROMATOLÍTICOS: rochas basálticas, de textura gálica, com a mesocristal de alteração com, gran médio a fino, incluem substancialmente embasáltica, quartzeira (+Pq) e parcelas de hornblenda-biotita granosas do gneissismo (+Pmg). As estruturas presentes são: foliação, lineação, diclinada e cores de alteração embasáltica.
PC7s - MIGMATITOS DE PLEIOSSOMA DOMINANTE: hornblenda-biotita granosa, homogênea, mesocristal de cor cinza escuro, gran médio a fino. Lamentavelmente ocorre quartzeira, as foliações embasálticas, fibrosas e afibradas, são de caráter post-tectônico de fechamento raras e raras.
Áreas de tipo embasáltico nos granodioritos embasálticos (+P7m), muitas vezes guardando relictos de intrusão.

- Características de feições**
- Características de feições (1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11), (12), (13), (14), (15), (16), (17), (18), (19), (20), (21), (22), (23), (24), (25), (26), (27), (28), (29), (30), (31), (32), (33), (34), (35), (36), (37), (38), (39), (40), (41), (42), (43), (44), (45), (46), (47), (48), (49), (50), (51), (52), (53), (54), (55), (56), (57), (58), (59), (60), (61), (62), (63), (64), (65), (66), (67), (68), (69), (70), (71), (72), (73), (74), (75), (76), (77), (78), (79), (80), (81), (82), (83), (84), (85), (86), (87), (88), (89), (90), (91), (92), (93), (94), (95), (96), (97), (98), (99), (100), (101), (102), (103), (104), (105), (106), (107), (108), (109), (110), (111), (112), (113), (114), (115), (116), (117), (118), (119), (120), (121), (122), (123), (124), (125), (126), (127), (128), (129), (130), (131), (132), (133), (134), (135), (136), (137), (138), (139), (140), (141), (142), (143), (144), (145), (146), (147), (148), (149), (150), (151), (152), (153), (154), 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ESCALA 1:10.000

BASE TOPOGRÁFICA
- FOLHAS TOPOGRÁFICAS 1:25.000 - PRODUZIDAS/1975 (MODIFICADAS)
- FOLHAS AERÉAS 1:40.000 - TERMOGRÁFICAS/1975

ANEXO I

ARTIGO "EVOLUÇÃO GEOLÓGICA DO PRÉ-CAMBRIANO DA BAIXADA SANTISTA"
II SIMPÓSIO REGIONAL DE GEOLOGIA, RIO CLARO, 1979

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