

The preceding map and detailed transect <sup>490626-19</sup> <sup>constructed from field</sup> observations. Except for approx 130 m. The bay floor is essentially a series of shallow water channels and sand bars of low relief.

The more significant measurements are:

1100 m. to beginning of submerged algae in subtidal water, all water flows here.

1068 m. Low tide mark.

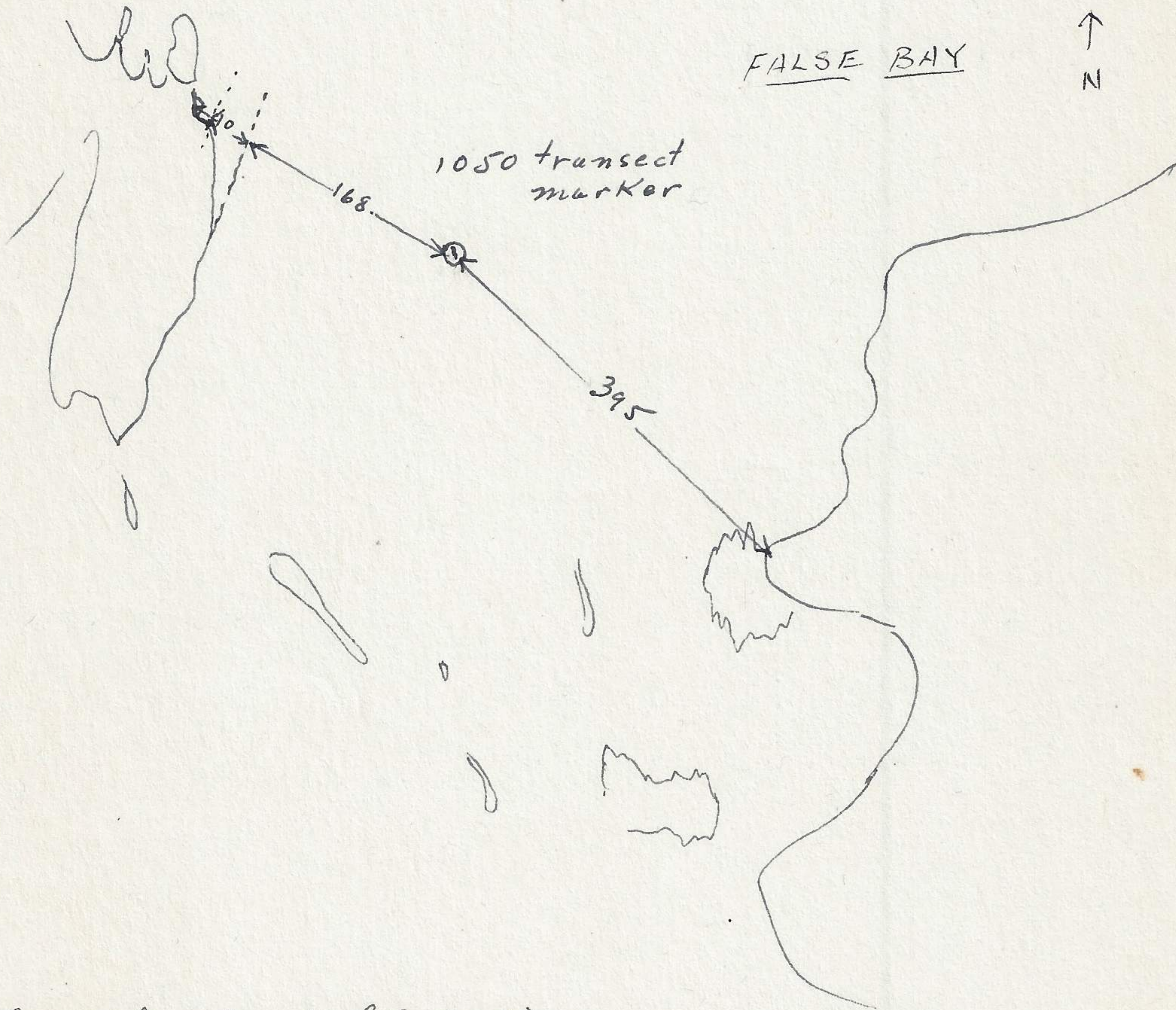
1033 m. highest point on crest of barrier sand bar.

395 m. from point 1050 m to east point

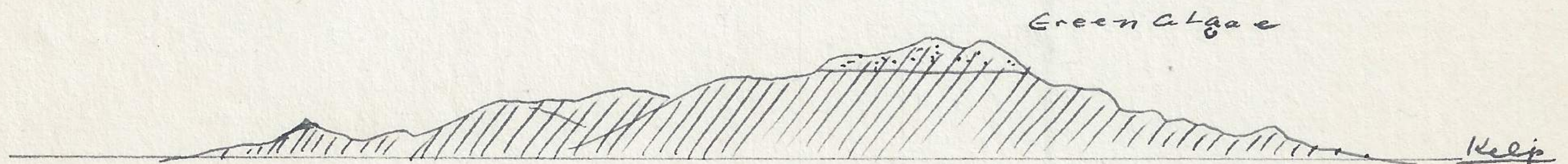
198 " " " " " west point or 208 meters

from 1050 mark to point where west coast turns abruptly to the west.

198 meter south of middle fresh water creek canal to starting of transect.



The largest island (highest) appears as follows during low tide:



General observations:

Outer barrier bar covered with water in approx 3 hours from low tide level.

85 *Phalacrocorax auritus* flew north at mouth of Channel. 10 birds left group and inspected bay, hence out again to join flock.

1 *Magalia mucosa* on pebble 7 cm in diameter. This rock was isolated and in sand some 3 meters from cliff rocks and approx 8 feet below high tide level.