

THE MINES AND MINERALS ACT REGISTERED QUARRY PERMIT

No. 6 of 2010.


Issued to Doug Ingersoll for Hatchet Caye Ltd. to extract sand, silt & coral rubble from an area of the seabed west of the Caye being 7.051 acres Hatchet Caye situated 32km south south-east of Placencia Village, Stann Creek District for the creation of a boat access channel within the sheltered cove area, delineated by UTM Co-ordinates: (a) N1820780, E0385892, (b) N1820700, E0386058 & (c) N1820623, E0385959; as shown on attached map/sketch plan and being in the Stann Creek District.

The permit is valid from date of issue to 31st December, 2010 and subject to the attached conditions.

Administrative fee:	-	US. \$1,000.00
Application fee:	-	US. \$10.00
Registration fee:	-	US. \$100.00
Rental on three (3) acres:	-	US. \$30.00

Date of issue: 14th January 2010

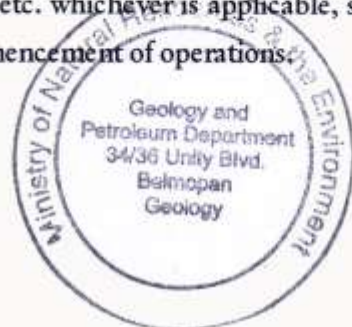
Signed:


Craig-Elliott Moore
Inspector of Mines
Geology & Petroleum Department



CONDITIONS RELEVANT TO REGISTERED QUARRY PERMIT NO. 6 OF 2010
ISSUED TO DOUG INGERSOLL FOR HATCHET CAYE LTD. ON THE 14TH OF
JANUARY 2010.

1. Total volume of sand, silt and mud to be extracted shall not exceed sixteen thousand (16,000) cubic yards of material. The materials should be extracted from the burrow site in such a way as to allow for a draft of 5ft. as shown on the attached sketch plan/map.
2. All volumes of material extracted shall be recorded in an Official Log Book by the Permit Holder and reported to the Inspector of Mines upon completion of operations under Registered Quarry Permit No. 6 of 2010.
3. The Permit Holder shall notify the Inspector of Mines prior to the commencement of operations, in order to conduct any necessary site visits to ensure proper emplacement of the sedimentation curtains/geotextile mesh and burrow site locations. The associated costs are to be borne by the Permit Holder.
4. The Permit Holder through the assistance of the Fisheries Department shall ensure that as far as is practicable any and all corals within the proposed dredge area shall be removed and relocated to areas suitable for habitation. The associated costs to be borne by the Permit Holder.
5. To minimize the effects of dredging a suction or auger type dredge only, will be utilized, for the extraction of materials from the seabed, that will allow for, as far as is practical, minimal disturbance of sediments and a uniform depth of extraction.
6. To minimize the run-off of waters and spoils from extracted materials, containment structures such as a geotextile curtains, sand bags, etc. whichever is applicable, shall be put in place around the fill site prior to the commencement of operations.



7. Sedimentation curtains/geotextile mesh shall be utilized, at all times during the extraction of materials from the seabed in the area. Such sedimentation curtains/geotextile mesh shall be emplaced in such a way as to be locked against the land mass, encircling the dredge and burrow site, completely. Such sedimentation curtain or geo-textile shall be emplaced so as to have the tops above the surface of the sea and the base resting or anchored on the seabed
8. The Permit Holder shall ensure that no pipes used for the transportation of the materials obstruct or prevent reasonable access within the area.
9. The Permit Holder shall ensure that during extraction, markers and buoys with appropriate lighting in accordance with the Belize Ports Authority regulations for such, are placed around the extraction sites and any equipment used for extraction or transportation of the materials
10. Any equipment within the sea lane shall be lit at all times during the night and periods of inclement weather as a precautionary measure.
11. The extracted materials shall be used as fill on the low-lying portions of the property, being 7.051 acres Hatchet Caye situated 32km south south-east of Placencia Village, Stann Creek District.
12. The Permit Holder shall ensure that no dredging is done during northerlies or periods of high tide.
13. The Permit Holder shall ensure that no sediments are vented into the water column.




14. The Permit Holder shall ensure that any areas with dense sea grass beds are avoided during the dredging operations, as far as is practicable.
15. The Permit Holder shall ensure that the sides of the areas of extraction are sloped at a minimum of 1:3 to prevent the slumping of sediments and to aid in the re-population of the dredge site by marine organisms.
16. If new lands are to be created, the Permit Holder shall obtain the prior, written approval from the Department of Lands and Surveys, inclusive of the reclamation of the 66ft public reserve.
17. If mangroves are to be cut, the Permit Holder shall obtain the necessary Permit from the Forest Department, prior to the cutting of any mangroves.
18. A mandatory 66 ft fringe of mangrove shall be maintained around the perimeter of the cleared area of the caye, save and except where beach creation or access points are desired, the 66ft fringe shall be measured from the last seaward side fringing mangrove.
19. A Survey Plan of the area shall be lodged with the Inspector of Mines within thirty (30) days of issue of Registered Quarry Permit No. 6 of 2010.
20. A copy of any and all relevant approvals/permits/authorizations obtained, above shall be lodged with the Inspector of Mines prior to the commencement of operations under Registered Quarry Permit No. 6 of 2010.
21. The Permit Holder shall adhere to all the terms and conditions of the Environmental Compliance Plan issued to *Hatchet Caye Ltd* by the Department of the Environment.



22. Site visits shall be conducted at reasonable times during the dredging activities to ensure compliance with conditions, the associated costs to be borne by the Permit Holder.
23. A Performance Bond equivalent to Five Thousand United States Dollars (US. \$5,000) shall be executed in the name of the Financial Secretary, on behalf of the Government of Belize to ensure compliance of conditions of Registered Quarry Permit No. 6 of 2010.
24. An original Bond shall be lodged with the Inspector of Mines on the day of issue of Registered Quarry Permit No. 6 of 2010.

Breach of any and all of the forgoing terms and conditions (1 – 24); shall constitute a ground for revocation of Registered Quarry Permit No. 6 of 2010.

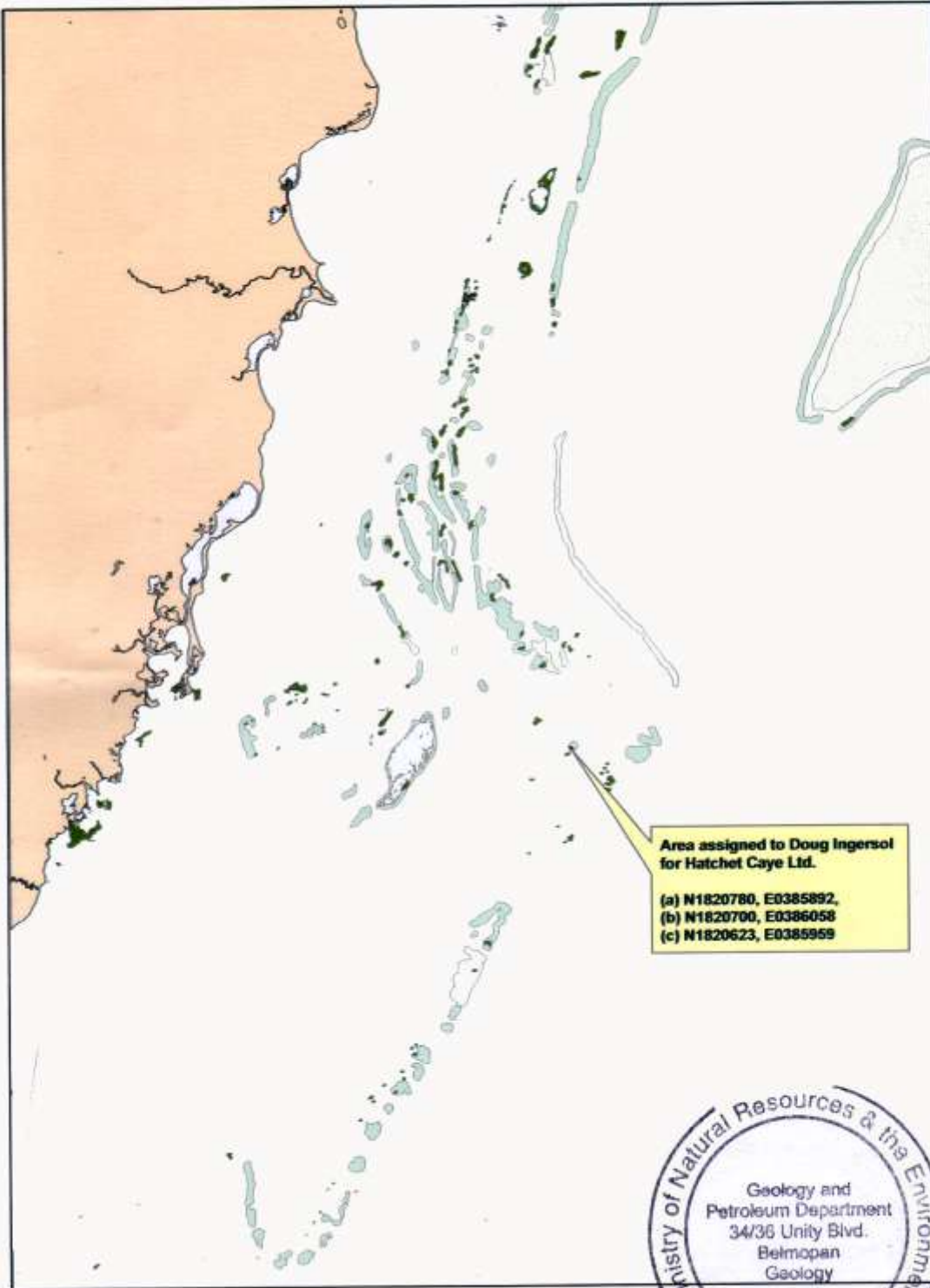

Craig-Elliott Moore
Inspector of Mines
Geology & Petroleum Department



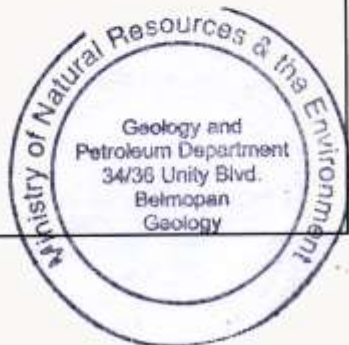


Prepared by Geology and Petroleum Department
Ministry of Natural Resources and the Environment
January 2010

Belize Country Outline



Area assigned to Doug Ingersol
for Hatchet Caye Ltd.
(a) N1820780, E0385892,
(b) N1820700, E0386058
(c) N1820623, E0385959



Pink is proposed burrow area
Green is new pier and heliport location 2X0 total length with
heliport being a 60' square
Orange are areas receiving fill
Blue are proposed boat lift locations
Light Blue is the existing south pier to be repaired and
lengthened for safe snorkeling access only

Above says:

- Pink is proposed burrow area
- Green is new pier and heliport location 2X0' total length with heliport being a 60' square
- Orange are areas receiving fill
- Light Blue is the existing south pier to be repaired and lengthened for safe snorkeling access only

