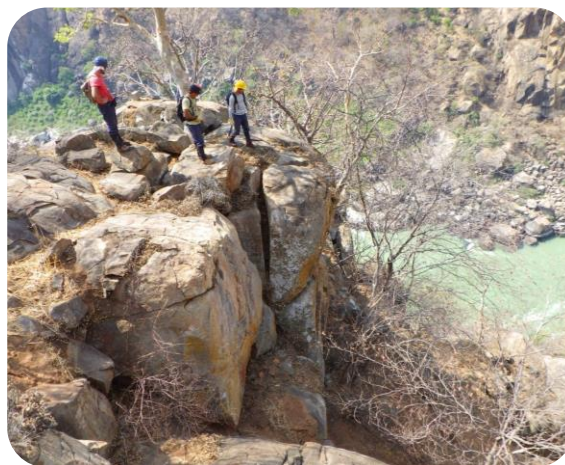


## ROCK STABILISATION ABOVE THE TURBINE ACCES ROAD CAHORA BOSSA - MOZAMBIQUE

### GEOLOGICAL MISSION

- From 15/11/2020 to 05/12/2020
- A G3 type
- 5 HYDROKARST rope access technicians
- 1 HYDROGEOTECHNIQUE geotechnical engineer



First, the first team built the accesses at the foot of areas 1 and 2, before the arrival of the geotechnical engineer

As the result of this, we recorded the geotechnical data of 347 unstable blocks spread over approximately 500 meters.

### WORKS

- Value : 13 millions €
- Start of work : 07/06/2021
- Duration of the work: 15 months approx.
- 40 rope access technicians including 30 local rope access technicians trained by us.
- GEWI 25 : 4,8 km
- GEWI 32 : 3,3 km
- GEWI 43+ : 4 km
- Cable nets : 28 000 m<sup>2</sup>
- 60x80 DT Wire Mesh : 16 000 m<sup>2</sup>
- Various barriers : 680 mètres linéaire

CAHORA BASSA DAM  
Client: HCB Date: 25/11/20  
Secteur/Localisation: Zone 2, Vie sup, Bâche, bords de la (en RD du Centre) Coordonnées: X: Y: Z:  
Identification du compartiment: 734  
Appel: 100-0319, 320, 321  
Type: pierre  bloc  masse  grosse masse  Très grosse masse   
Volume: H: 2,00 L: 1,60 e: 0,60 Spécific: 1  
Volume fragmenté: m<sup>3</sup>  
Probabilité de détachement: TF: > 30ans M: 10 ans E: 2 ans TE: Immédiat  
Stabilité: TF: M: E: TE:  
Conformément envisagé: Ecarte un bloc sur la Rd du bords de la bache, 2x2,00 m p. 25. e. 2,80 m  
Remarques/travaux: A: 60x80 ou Concrètement B: Fillet de câble  
Classement client: C: Grillage + câblage D: Purge et/ou barrière



9 bis Avenue de la Falaise  
38360 Sassenage - France



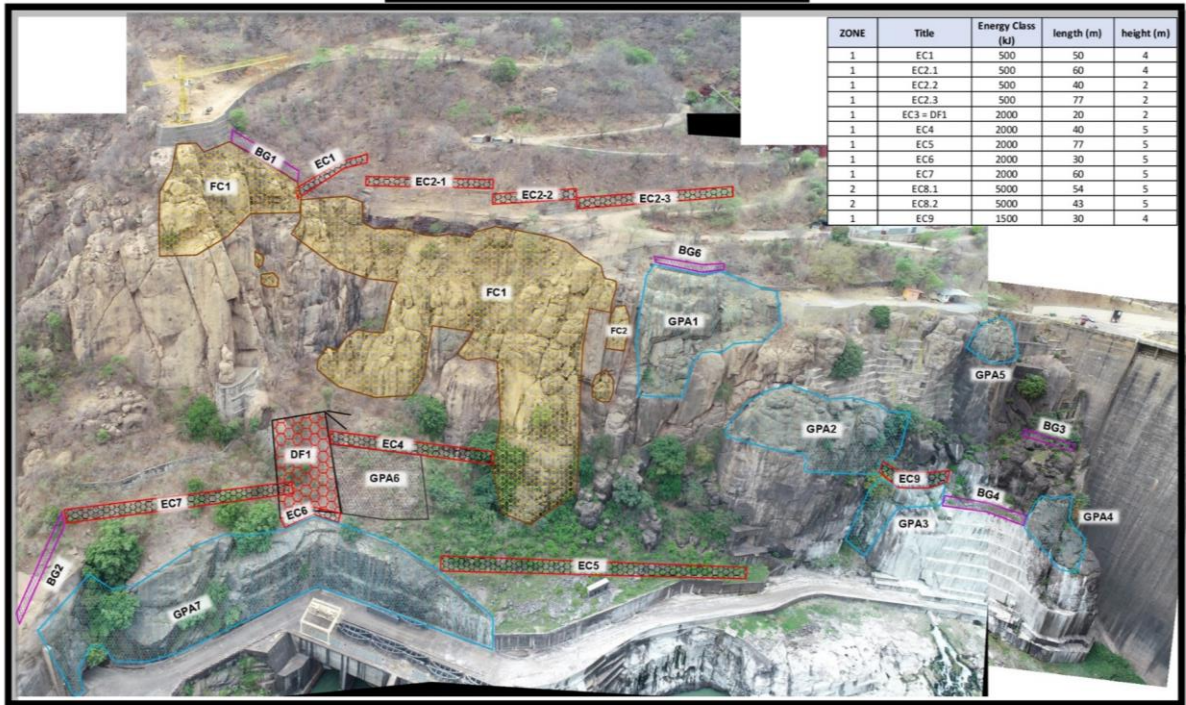
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ZONE 1 – GENERAL WORK VIEW



ZONE	Title	Energy Class (kJ)	length (m)	height (m)
1	EC1	500	50	4
1	EC2.1	500	60	4
1	EC2.2	500	40	2
1	EC2.3	500	77	2
1	EC3 = DF1	2000	20	2
1	EC4	2000	40	5
1	EC5	2000	77	5
1	EC6	2000	30	5
1	EC7	2000	60	5
2	EC8.1	5000	54	5
2	EC8.2	5000	43	5
1	EC9	1500	30	4

Cliff reinforcement  
 Localisation : Cahora Bassa Dam  
 Dossier : C-Fal/20/052  
 Client : HCB  
 Date : 16 Fev 2021 index : B  
 Diffusion index A  
 General work view



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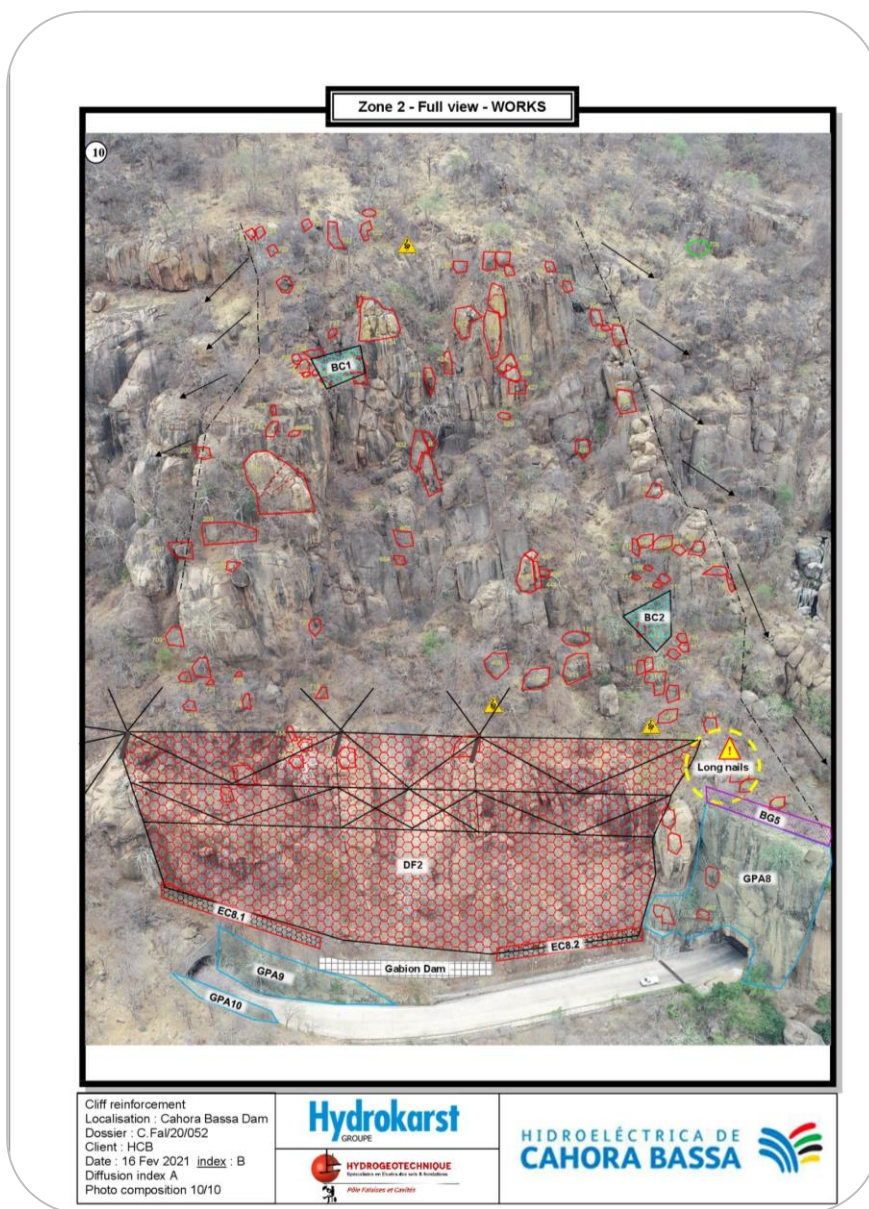


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