

# ATLAS CREEK QUARRY MINE PLAN PROJECT SUMMARY

QUARRY MINE PLAN FOR AGGREGATES EXTRACTION  
on

Mining Permit H-1068/MP/000/2023

Atlas Creek Area, West Bank, Demerara River

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## Summary – Proposal for Atlas Creek Quarry by Mr. Stuart Hughes

### 1. Introduction

Development of the Atlas Creek Quarry is being proposed by Mr. Stuart Hughes (The Operator). The project site is in the Atlas Creek Area, Demerara of Administrative Region # 10 and in the Potaro Mining District #2 of Guyana.

Location maps of the Proposed Quarry site are provided in Figure 1 and Figure 2. The mining operations at the site aim to produce aggregates in 2024, upon the requisite approvals by the regulatory agencies. Currently, some field exploration is being conducted in the project area. No mining is currently being implemented.

As part of the permitting / licensing process, the Operator is required to fulfill all the necessary environmental permitting obligations before additional mining related activities could commence. The Operator has applied for an Environmental Authorization as part of the permitting process and the submission of this Environmental Management Plan (EMP) was requested by the statutory agencies.

### 2. Project Fact Sheet

Item	Particulars
Project Name	Atlas Creek Quarry
Project Type	Stone Quarry
Location	Region 10 (Upper Demerara/Upper Berbice)
Name of River:	Demerara River
Locality	Atlas Creek
Size of Project Area	640 acres
Type of Rock	Gabbro, Diorite & Granite
Reserves	~10,000,000 metric tons (inferred)
Production (initial)	~132,000 metric tons per year
Product	Aggregates: <ul style="list-style-type: none"> <li>- Sifting (&lt;3/8)</li> <li>- 1/2", 7/8", 3/4"</li> <li>- 1 1/2", (Crusher Run)</li> </ul>
Project Components	Quarry Operating Area Crushing Facility Haul Roads and Service Roads Stockpile Area and Dumps

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	<b>Support Facilities</b> <ul style="list-style-type: none"> <li>– Admin Office Complex</li> <li>– Mechanical Service Bay</li> <li>– Power Generation</li> <li>– Ore Washing</li> <li>– Quarry Drainage</li> <li>– Settling Ponds</li> </ul>
Power Requirement (Generators)	650 KVA (2)
Primary Crusher	250 tph Jaw Crusher
Secondary Crusher	120 tph Cone Crusher
Tertiary Crusher	120 tph Cone Crusher
Overall Utilization	~75%
Life Span of Quarry	> 15 years
Employment/Staff	~60
Capital Investment	~USD 3M
Current Status of Project	Application and permitting
Nearest Settlement	58 Miles/Great Falls, 6 km SW
Nearest Town	Linden
Nearest Airstrip	Omai, 30 km WSW
Nearest Police Station	Mabura, 20 km North
Nearest Fire Station	Linden, 75 km North
Telecommunications Tower	Mabura, 20km South
Ecologically Sensitive Zone	None near project area

### 3. Project Location

Please see location maps below.



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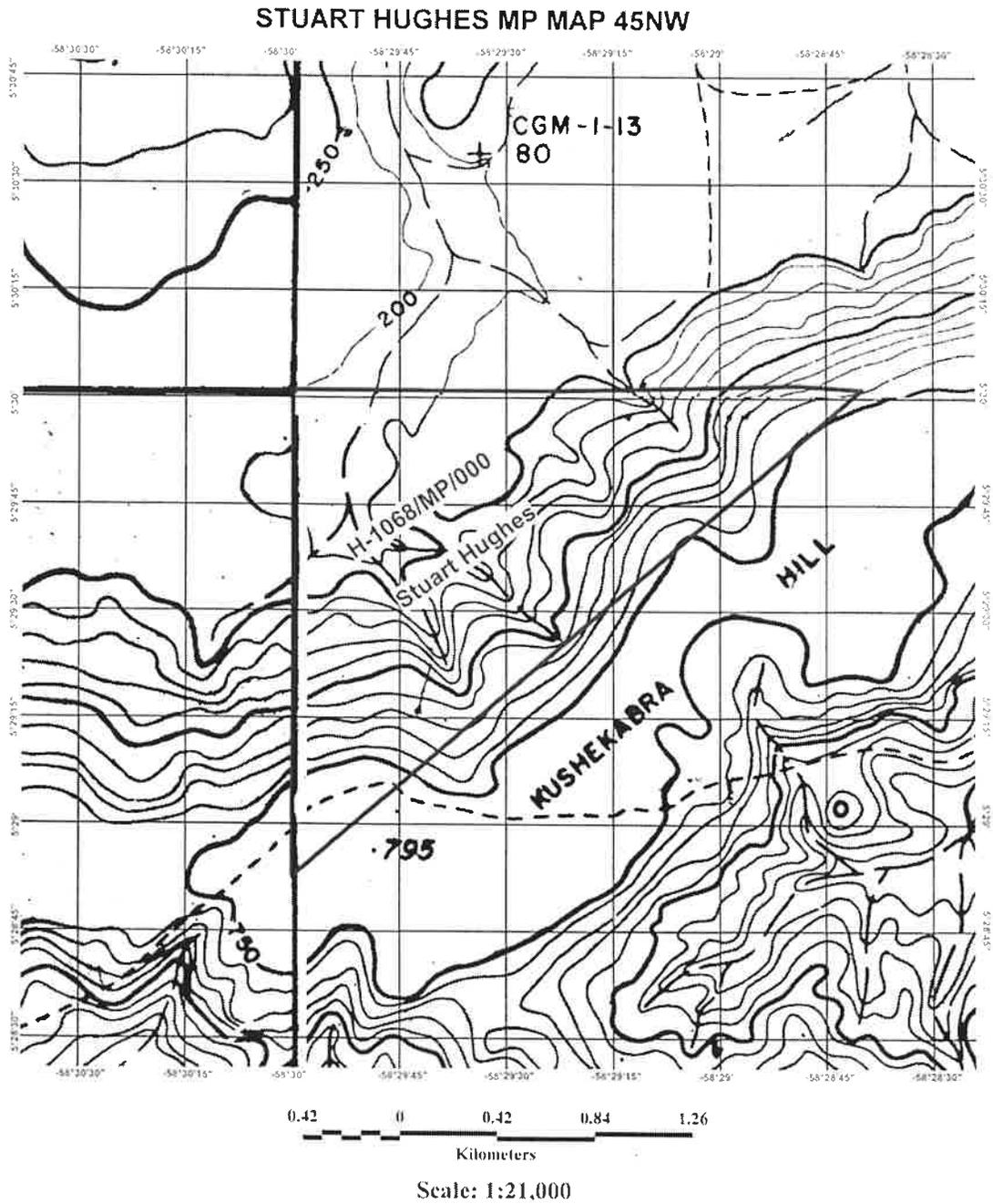


Figure 2: Showing Location of Proposed Quarry on Topographic Sheet 45NW