



ANDERSON SERANGOON JUNIOR COLLEGE

JC2 H2 Geography Preliminary Exam (2025)

H2 GEOGRAPHY

9173/ 01

22 August 2025

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3 hours

READ THESE INSTRUCTIONS FIRST

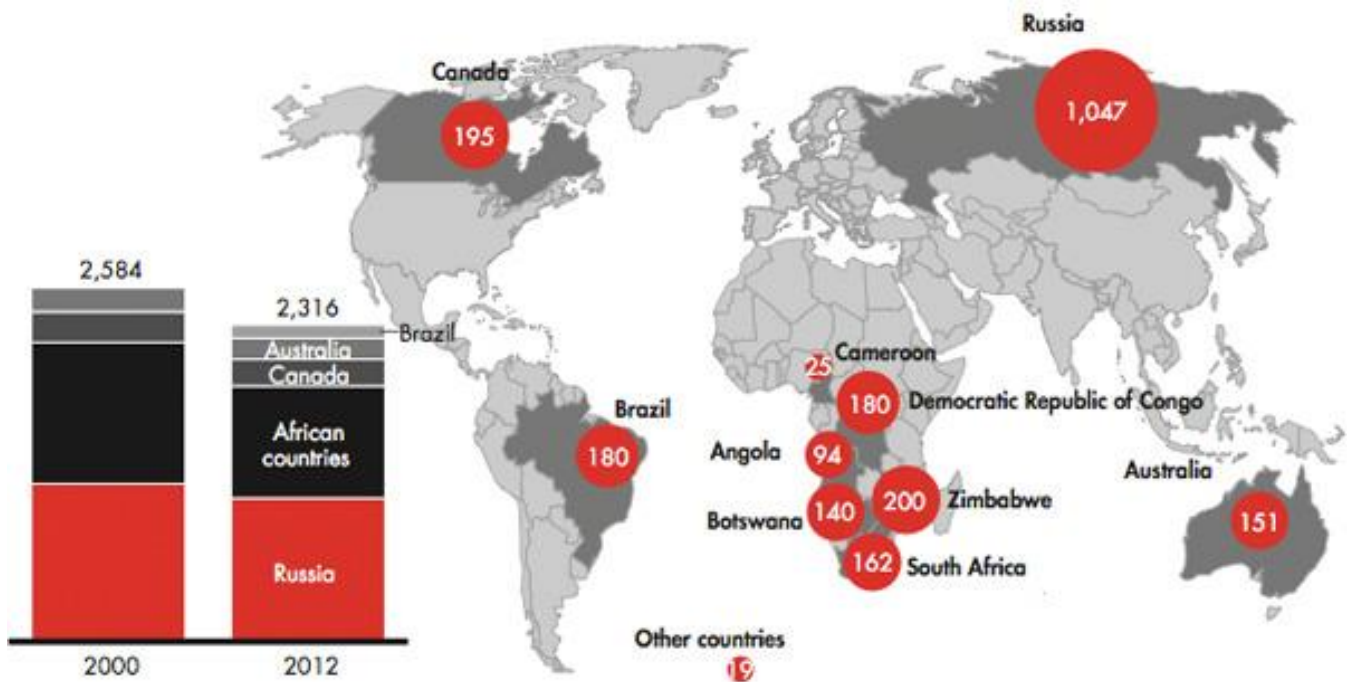
The Insert contains all the Resources referred to in the questions.

This question paper consists of 6 printed pages.

[Turn Over]

Resource 1 for Question 1

Distribution of global diamond supply per Million Carats



Resource 2 for Question 1

Tiffany & Co. primary sourcing and manufacturing of diamonds and metals, 2014



Resource 3 for Question 1

Factsheet on diamond mining in the Democratic Republic of Congo

CASE STUDY	FOCUS	RESULTS
Q DIAMOND MINING 📍 DEMOCRATIC REPUBLIC OF CONGO 🕒 2001-2018 	WATER, LAND and FORESTS AGRICULTURE and FOOD SOCIETY and SECURITY 	💧 DIAMOND MINING WATER FOOTPRINT IN DRC IS 15 to 35 TIMES HIGHER THAN IRRIGATION WATER FOOTPRINT 🌳 FOREST LOSS IN MINING AREAS IS DRIVEN BY MIXED LOCAL-NATIONAL FACTORS 🏭 MINING WORKS AS RESOURCE DIVERSION FROM MITIGATING FOOD INSECURITY 👤 MINING EXACERBATES SOCIAL INSECURITY (illicit trafficking, unsafe labour)



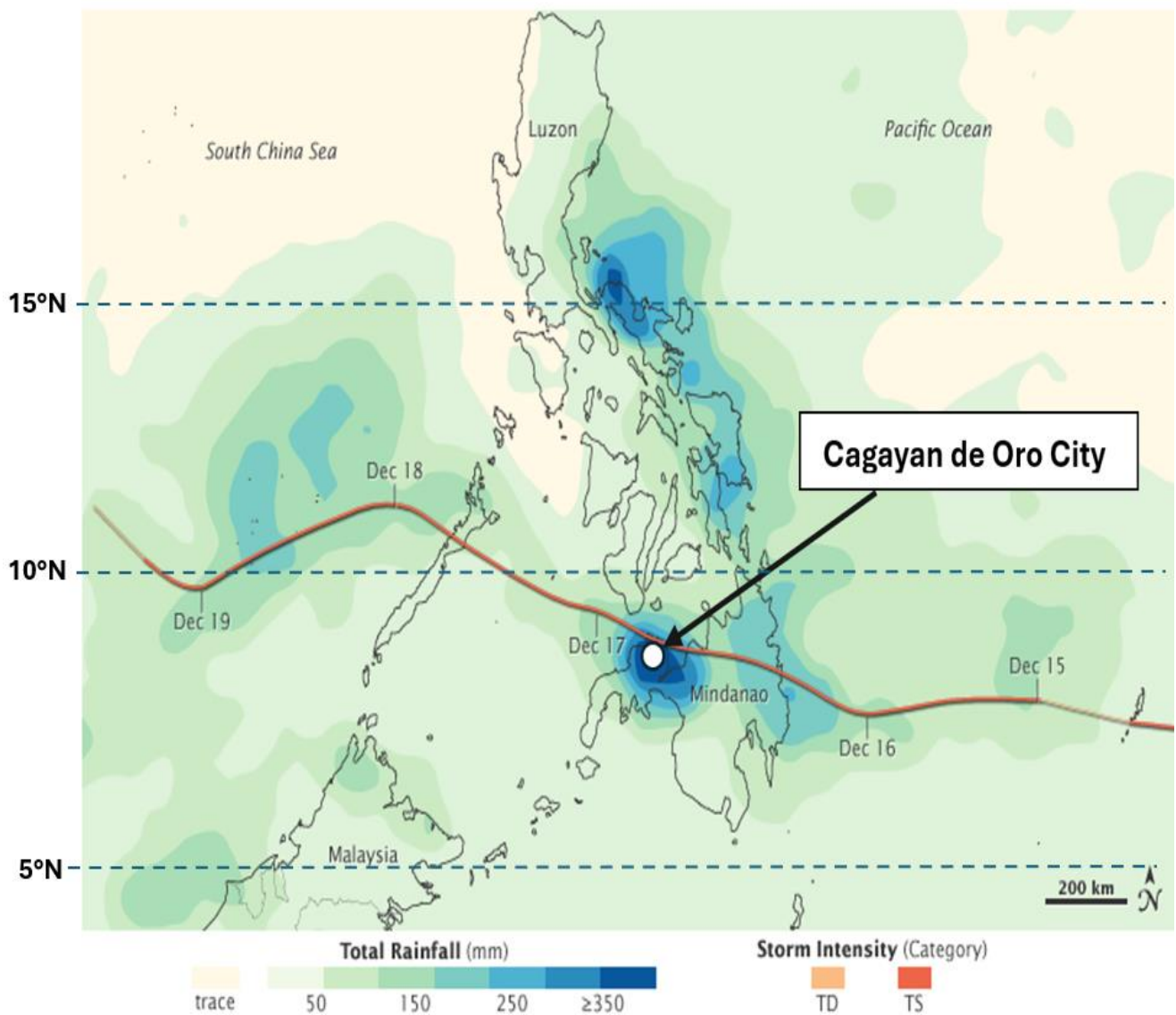
Resource 4 for Question 1**Extract on sustainability efforts implemented by Tiffany & Co.**

South Africa's diamond industry employed over 15,000 people in 2023, while in Botswana, diamonds account for roughly 80% of exports and contribute 25% of GDP. However, the environmental toll is significant: mining displaces roughly 250 tons of earth per carat, and polishing a single carat emits about 160 kg of CO₂, consumes 480 L of water, and uses 52 kWh of energy.

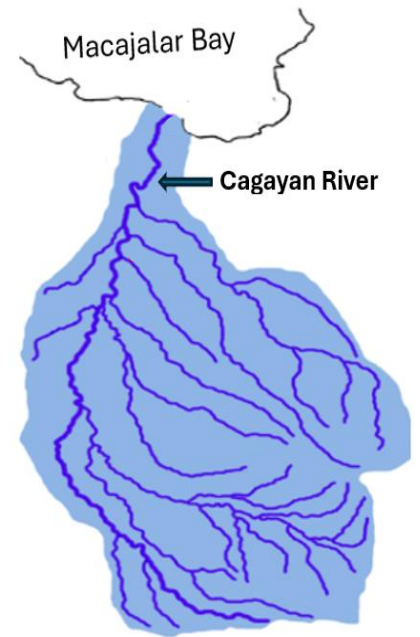
Recognising these challenges, Tiffany & Co. champions responsible practices. The company also operates its own workshops across Botswana, Belgium, Vietnam, Mauritius, and Cambodia, employing over 2,300 local artisans. In addition, Tiffany has cut its direct and indirect carbon emissions by 33% since 2019. Around 12% of its global floor area in buildings located within countries at which it operates has achieved LEED Silver certification, a globally recognised sustainability standard for energy-efficient and environmentally responsible building design.

Resource 5 for Question 2

Movement of Tropical Storm Washi across the Philippines (15-19 December 2011)



(Note: TD means Tropical Depression, TS means Tropical Storm)

Resource 6 for Question 2**Fluvial flooding at Cagayan de Oro City and its location in the Cagayan River Basin****Resource 7 for Question 2****Flood prevention measure along a stretch of the Cagayan River**