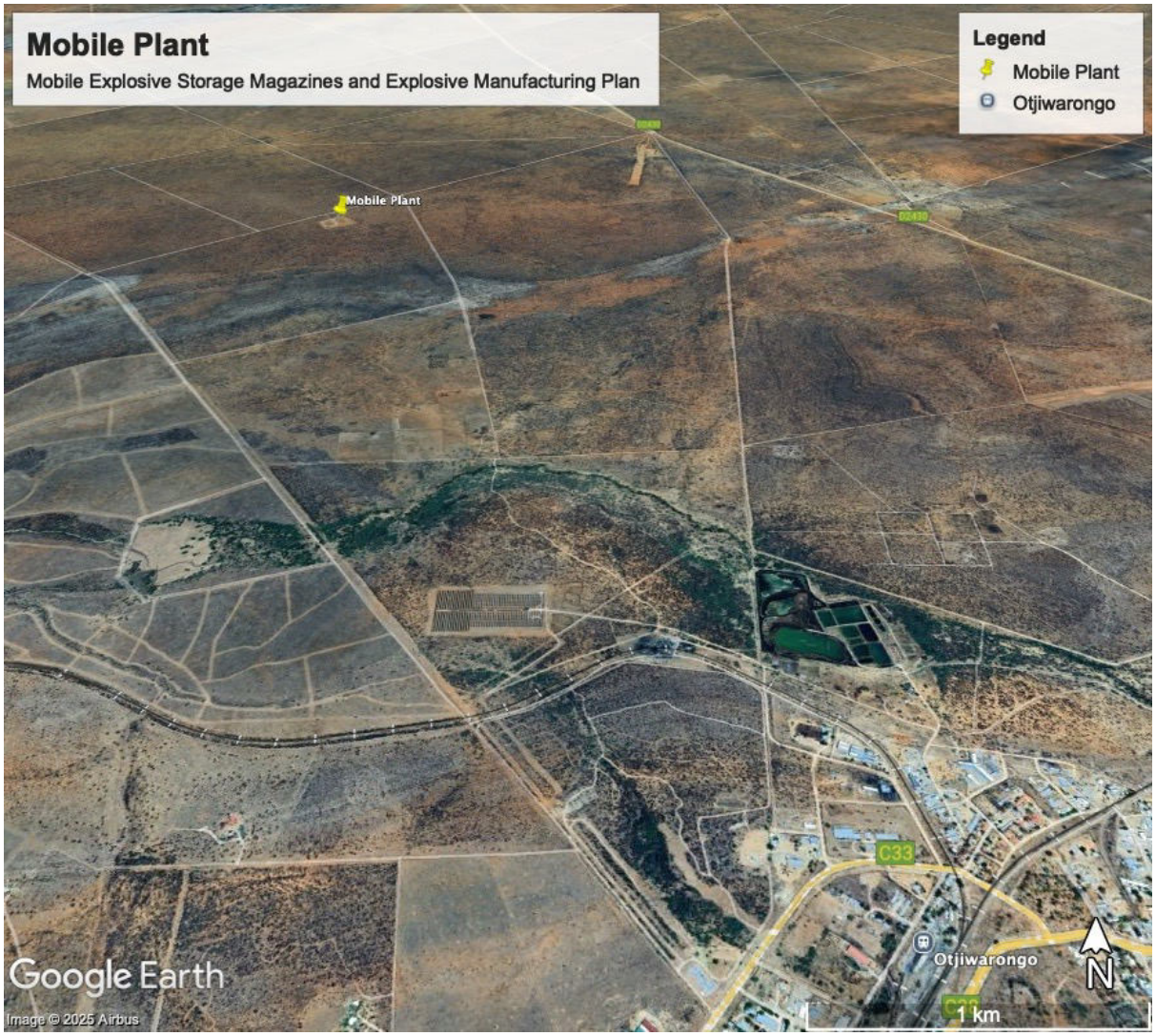
1. Location

1.1.Mobile Plant

The Mobile Plan is located about 7km north-west of Otjiwarongo on a towns farmland (GPS -20.409792°, 16.611772°) (See figure 2).



1.2.Sea Transport

The importation of AN is carried out by sea to the Port of Walvis Bay, located in Erongo Region, Namibia, on the South Atlantic coast (GPS: 22.950395° S, 14.485869° E) (see figure 3). AN is transported to Husab, Rossing mines as well as to the Mobile Plant primarily via the D1984 dual carriageway (named Dr. Hifikepunye Pohamba Road) and the B2 road.

Figure 1. Location of Port of Walvis Bay

1.3.Port description

The Port of Walvis Bay is Namibia's principal commercial deep-water port and serves as the gateway for imports and exports to and from landlocked neighbouring countries. It is operated by the Namibia Ports Authority (Namport). Facilities include deep-water berths and multi-purpose terminals that handle containers, dry and liquid bulk cargo, breakbulk, and project cargo. The port has a container terminal with quay cranes, container stacking yards, and refrigerated container facilities, as well as bulk terminals for minerals, fuels, and bulk liquids and dedicated facilities for general cargo and heavy or oversized items.

1.4.Road Description

D1984 (Dr. Hifikepunye Pohamba Road)

D1984 dual carriageway, named Dr. Hifikepunye Pohamba Road, is a major paved arterial route designed for high-volume traffic. Configured as a dual carriageway with separated lanes for opposing directions, it features multiple lanes, central median barriers, and controlled access points to improve traffic flow and safety. The road connects key industrial and commercial areas, supports heavy vehicles including freight to and from the Port of Walvis Bay, and provides a primary link toward inland routes such as the B2. It is built to accommodate high speeds and significant axle loads, it includes signage, lighting, and drainage infrastructure and is maintained to support safe transport of hazardous and bulk cargo.

B2 Road

The B2 is a major national trunk road in Namibia running roughly east-west along the coastal corridor. It connects the Port of Walvis Bay and the town of Swakopmund in the west with inland centres and the capital Windhoek to the east, forming a primary freight and passenger route.

Husab Mine Access Road

The Husab Mine Access Road provides the primary paved connection between the B2/D1984 corridor and the Husab Mine site. Designed to accommodate heavy mining traffic, the road features reinforced pavement, wide lanes, and large shoulders to support high axle loads and frequent movement of haul trucks, fuel tankers, and equipment transporters.

Rossing Mine Access Road

Rossing Mine Access Road is the paved long-access route linking the Port of Walvis Bay/Swakopmund area to Rossing Uranium Mine near Arandis in the Erongo Region. It branches off the B2 trunk road and runs toward Arandis and then to Rossing Mine.

Otjiwarongo Via B2 Road

The road route from the Port of Walvis Bay to Otjiwarongo via Omaruru is approximately 560 km on mainly paved roads. From the Port, via the B2 at Karibib, the road join the C33 toward Omaruru. At the junction with the C38/C35 east, it continue the C38 to Otjiwarongo.