**Information required of work done under an extractive industry work authority**

This report is required in accordance with section 116A of the Mineral Resources (Sustainable Development) Act 1990 and regulation 19 of the Mineral Resources (Sustainable Development) (Extractive Industries) Regulations 2019.

All holders of an extractive industry work authority **must complete** and submit an annual report even if no extraction has taken place.

**Work Authority Number and holder name**

|  |  |
| --- | --- |
| Work Authority Number |  |
| Work Authority Holder |  |

**Period covered by this return**

|  |  |  |  |
| --- | --- | --- | --- |
| **Twelve-month period** | | **If Final Report** | |
| From |  | From |  |
| To |  | To |  |

**Name and role of person completing the return**

|  |  |
| --- | --- |
| Name of person |  |
| Role of person |  |
| Phone Number |  |
| Email Address |  |

**Details of activity (please select one)**

Stone (or sand) has been extracted and sold during the period of the return

Stone (or sand) has been extracted and NOT sold during the period of the return.

Stone (or sand) has NOT been extracted but sold during the period of the return.

Stone (or sand) has NOT been extracted or sold during the period of the return

**STONE includes**

*Sandstone, freestone or other building stone*

*Basalt, granite, limestone or rock of any kind ordinarily used for building manufacturing or construction purposes*

*Quartz (other than quartz crystals), Slate, clay (other than fine clay, bentonite or Kaolin) peat, earth or soil or other similar materials,*

*Sand or gravel*

**The most recent stone resources estimate for the work authority**

*For definitions or more information relating to the following questions, please refer to the Joint Ore Reserve Committee Code 2012 Edition (JORC Code, 2012), available at jorc.org/docs/JORC\_code\_2012.pdf*

|  |  |
| --- | --- |
| Date of estimation |  |
| Qualifications and experience of person(s) who produced resource estimate | 1. ‘Competent Person’ as defined by JORC Code (2012) 2. Other geological or technical specialist (not a ‘Competent Person’, as described above) 3. Neither of the above |
| **Please report your most recent stone resources estimate against the relevant geoscientific confidence level(s) below. *If unsure, please report your estimate against only the ‘Unknown or unspecified’ option.*** | |
| Unknown or unspecified confidence level estimate | Quantity       tonnes or m³ (specify) |
| Inferred Mineral Resource estimate | Quantity       tonnes or m³ (specify) |
| Indicated Mineral Resource estimate | Quantity       tonnes or m³ (specify) |
| Measured Mineral Resource estimate | Quantity       tonnes or m³ (specify) |
| % of resource estimate that is recoverable | % |

**Details of stone type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Stone 1** | **Stone 2** | **Stone 3** | **Stone 4** |
| Stone type (column 2) |  |  |  |  |
| Density prior to extraction |  |  |  |  |
| Stratigraphic unit of the stone (ref 3) |  |  |  |  |
| Maximum depth of extraction |  |  |  |  |

**Details of production**

|  | **Stone 1** | **Stone 2** | **Stone 3** | **Stone 4** |
| --- | --- | --- | --- | --- |
| product type (column 3) |  |  |  |  |
| total quantity extracted tonne/m3 |  |  |  |  |
| total useable quantity produced tonne/m3 |  |  |  |  |
| if reporting in m3 provide density of the product |  |  |  |  |

**Sales details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Stone 1** | **Stone 2** | **Stone 3** | **Stone 4** |
| Total quantity sold |  |  |  |  |
| Price per tonne/m3 |  |  |  |  |
| Value of total sales at gate \* |  |  |  |  |

***\* value of total sales at gate*** means—

(a) the value of the product at the quarry gate, including any loading cost, less costs (if any) associated with freight or cartage outside the quarry site; or

(b) if the product is, or is to be, used on the quarry site for the manufacture of another product, such as asphalt, concrete, bricks, tiles or cement products, an estimated value of the product prior to that use.

*I certify that the information contained herein, is a true statement of the production undertaken on the above work authority as specified as required under the* Mineral Resources (Sustainable Development) Act 1990 *and the Regulations thereunder.*

|  |  |
| --- | --- |
| Name: |  |
| Position: |  |
| Signature: |  |
| Date: |  |

Stone types and associated product types

**MRSDEI Regulation 19**

| *Column 1*  **Item** | *Column 2*  **Stone Types** | *Column 3*  **Product Types** |
| --- | --- | --- |
| 1 | Basalt Old  Basalt New  Trachyte  Dolerite  Granite (incl. granodiorite, porphyry, microgranites)  Rhyodacite (incl. dacite, rhyolite)  Scoria  Tuff  Gneiss  Hornfels  Marble  Quartzite  Schist  Slate  Sedimentary (usually rippable rocks incl. sandstone, shale, siltstone chert, mudstone, claystone) | Aggregate (i.e. aggregate, rail ballast, filler material) single size screenings such as concrete  Road Base (Class 1 and 2 crushed rock (CR))  Road Sub-Base (incl. Class 3 and 4 CR, NDCR and track material)  Fill (incl. scalpings, spalls)  Armour (incl. beaching)  Dimension stone |
| 2 | Limestone (incl. limesand) | Road Base Class 1 and 2 crushed rock (CR)  Road Class Sub-Base (Class 3 and 4 CR, NDCR and track material)  Fill (incl. scalpings, spalls)  Dimension stone  Cement  Agriculture  Lime  Flux  Industrial filters |
| 3 | Sand and gravel (naturally  occurring gravels, not crushed sedimentary rocks) | Aggregate (i.e. single size screenings such as concrete aggregate filter materials)  Road Base (Class 1 and 2 crushed rock (CR))  Road Sub-Base (include Class 3 and 4 CR, NDCR and track material)  Fill (incl. scalpings, spalls)  Concrete sand  Fine sand (brick, packing bedding, plaster, asphalt)  Foundry sand  Glass sand  Industrial (silica flour, fibre glass, ceramics, etc.) |
| 4 | Clay and clay shale | Brick (incl. pavers)  Tile/pipe  Firebricks  Stoneware (incl. pottery, whiteware)  Fill |
| 5 | Soil |  |
| 6 | Peat |  |