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| **MICRO DESIGN** |
| **Work Cycle Design – Level I** |
| **Drilling Operations** |
| **Work Cycle** | **Reference** | **Description** |
| Macro Process |  | Base Metals |
| Level III Work Cycle | 2 | Ore Supply |
| Level II Work Cycle | 2.1 | Drill & Blast Execution |
| **Level I Work Cycle** | **2.1.1** | **Drilling Operations** |

| **Description of Work Cycle Level 1** | **Cycle Inputs** | **Cycle Outputs** |
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| **Purpose of Work Cycle*** Cap**!Unexpected End of Formula**ture what this cycle of work has to achieve

**General description of the major elements of the work:*** List the main activities of the work to be performed for this Level 1 cycle – remember all this work has to be performed by teams as a normal cycle of work
 | **Key inputs to the overall work cycle*** Inputs from within its own Level 11 work cycle
* Find the inputs from across the 1SAP detailed process

**Delivered from another work cycle*** Inputs from another Level 11 work cycle
 | **Key outputs to the overall work cycle*** Outputs which remain within its own Level 11 cycle
* Find the outputs from across the 1SAP detailed process

**Feeding to another work cycle*** Outputs which are fed to another Level 11 cycle
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| **Context and Assumptions** |
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| **Context:*** Describe why this work is required and the environment under which this cycle operates

**Assumptions:*** List the assumptions under which this Level 1 work operates
* List the main sub-process headings as per 1SAP
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| **Contract Work Currently Performed** |
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| **Current contract work:*** Describe the work that is currently undertaken by contractors within this work cycle

**Comments:*** What are the impacts of contract work
* Is this contract work effective and in the best interests of MEL
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| **KPIs (Local Measures) Level 1**  |
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| **Output Teams** (Teams, Specialists or Contractors) |
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| **Descriptions** (of Teams, Specialists or Contractors) | **Inputs** | **Outputs** |
| **Description of work activities****Team** Refers to the teams that operate under this cycle of worke.g. **Planned Maintenance team** for planned maintenance work at Leguna Seca | **Detail the inputs:** | **Detail the outputs:*** Definitive outputs of production

e.g. metres drilled per shift  |
| **Description of work activities****Team**  | **Detail the inputs:** | **Detail the outputs:** |
| **Description of work activities****Specialist** Refers to engineers etc that are required for the worke.g. medium term planning would probably have engineers rather than teams of people | **Detail the inputs:** | **Detail the outputs:** |
| **Description of work activities****Contractor**Refers to any contractors engaged to perform work under this cycle | **Detail the inputs:** | **Detail the outputs:** |

| **Work Design Analysis** |
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| **Area** | Description |
| Assets and Technology | **Major items of equipment: for each team etc.*** For each team listed above, list the equipment that is required to perform the work. E.g. if drill operators are being described under Drilling Level 1, list the number of drills required to achieve their outputs and support vehicles

**Technology:*** For example is a D&B database required to perform quality work
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| **Team Process Flow**  | What are the processes we use in this team: what happens sequentially* Name the 1SAP sub-processes as per 1SAP numbering
* For operational work we list the sub processes involved under the Level 1 work cycle. E.g. under Field Operations – Ore Stockpiles what are the processes for completing this cycle of work
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| **Team Work Design & Interfaces** | Of the process flows (detailed above) what work has to be designed to achieve the outcomes in 5 years* Here we can list new procedures required and new work practices
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| **Work Practice Rules** | * These relate to actual rules for that particular area. They are one level below the operating rules and refer to specific areas only and tend to be localised
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| Staffing numbers of teams | **Team details: include shifts and type of shifts*** List the number of people required to fulfil the work of the teams
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| **Measures** | **What measures will be put in place to monitor performance:*** Measures for each team
* Team 2
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| **Design****Improvements** | **What activities within the Work Cycle can the crew typically target to improve cycle performance:*** This has a direct relation to the measures above
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