

Sheet1

| Area           | Cave     | Source                            | Route                              | Date Completed | Number      | Anchor Type | Resin Type             | Notes  | Loose2025      |
|----------------|----------|-----------------------------------|------------------------------------|----------------|-------------|-------------|------------------------|--|----------------|
| West Kingsdale | Yordas   | CNCC records                      | All                                |                | 2000        | 19 DMM      | Mix                    | One anchor replaced with KMR in 2014.            | ?              |
| West Kingsdale | Yordas   | IC database                       | All                                |                | 2020        | 2 IC        | ?                      | One addition, one replaced PECO                  | ?              |
| West Kingsdale | Bull Pot | CNCC records                      | All                                |                | 1993        | 26 DMM      | Hilti HIT C50          | Only 1 bolt on last pitch. 3 anchors loose in 96 | Yes, 1 or more |
| West Kingsdale | Bull Pot | IC database                       | All                                |                | 2017        | 12 IC       | Fischer FIS V          | 7 were DMM replacements                          | ?              |
| West Kingsdale | Jingling | CNCC records                      | Lateral Shaft & Final Pitch        |                | 1993        | 18 DMM      | Hilti HIT C50          | Number since replaced                            | Yes, 6 or more |
| West Kingsdale | Jingling | CNCC records                      | Little Gully>MainPitch             |                | 2005-2008?  | 10 PECO     | Resifix 3+             | Added to 1993 record                             | No             |
| West Kingsdale | Jingling | Seen in situ – not in IC database | Main Hang                          |                | ?           | 3 IC        | ?                      | See defect reports                               | ?              |
| West Kingsdale | Jingling | IC database                       | Lateral Cleft                      |                | 2021        | 3 IC        | ?                      | -  | No             |
| West Kingsdale | Jingling | Observed in situ                  | Final Pitch                        |                | ?           | 1 DMM       | ?                      | -  | No             |
| West Kingsdale | Aquamole | CNCC records                      | All                                |                | 2003        | 22 DMM      | Resifix 3+             | -  | ?              |
| West Kingsdale | Aquamole | IC database                       | ?                                  |                | 2017-2018   | 7 IC        | ?                      |  | ?              |
| West Kingsdale | Rowten   | CNCC records                      | Eyehole>Bridge>Cleft>Flyover       |                | 1993        | 31 DMM      | Hilti HIT C50          | 25 remaining?                                    | ?              |
| West Kingsdale | Rowten   | CNCC records                      | Eyehole>Bridge>Cleft>Flyover       |                | ?           | 10 DMM      | Resifix 3+             | Replacing loose Hiltis?                          | ?              |
| West Kingsdale | Rowten   | CNCC records                      | Big Gully                          |                | ?           | 32 BP304    | Resifix 3+             | To replace BCA01???                              | ?              |
| West Kingsdale | Rowten   | CNCC records                      | ?                                  |                | ?           | 13 DMM      | Resifix 3+             | Is this for the Direct Route?                    | ?              |
| West Kingsdale | Rowten   | IC database                       | -                                  |                | 2021 & 2024 | 2 IC        | Ficher FIS EM / EMPlus | Replacing loose PECO or BCA01                    | ?              |
| West Kingsdale | Simpson  | CNCC records                      | All                                |                | 1992        | 50 DMM      | Hilti HIT C50          |  | ?              |
| West Kingsdale | Simpson  | CNCC records                      | All                                |                | ?           | 5 DMM       | Resifix 3+             |  | ?              |
| West Kingsdale | Simpson  | IC database                       | All                                |                | 2020 & 2024 | 40 IC       | Fischer FIS EM         | Many changes in 2024 IC reanchoring project.     | ?              |
| West Kingsdale | Swinsto  | CNCC records                      | All                                |                | 1992        | 26 DMM      | Hilti HIT C50          | 1 was loose already in 1992, another loose 94?   | ?              |
| West Kingsdale | Swinsto  | CNCC records                      | All                                |                | 2010        | 11 DMM      | Resifix 3+             | Additional to above. No topo.                    | ?              |
| West Kingsdale | Swinsto  | IC database                       | Spout Pitch                        |                | 2021        | 3 IC        | Fischer FIS EM Plus    | 2 replaced PECO anchor (2010 batch)              | ?              |
| West Kingsdale | Swinsto  | IC database                       | All                                |                | 2023        | 23 IC       | Fischer FIS EM         | Many changes. Unknown replacements.              | ?              |
| West Kingsdale | Valley   | CNCC records                      | Roof Tunnel Pitch and CRO Traverse |                | 1995        | 41 DMM      | Hilti HIT C50          | 5 subsequently replaced with Resifix             | Yes, 1 or more |
| West Kingsdale | Valley   | CNCC records                      | CRO Traverse                       |                | ?           | 16          | Resifix 3+             | Includes 5 replacements and 11 additional        | ?              |
| West Kingsdale | Valley   | IC database                       | Toyland                            |                | 2020        | 9 IC        | Fischer FIS EM         | -  | ?              |

Additional early rebolting locations are listed in AGM minutes  
 Also see ECO-resin rigging guides no1,2,3.