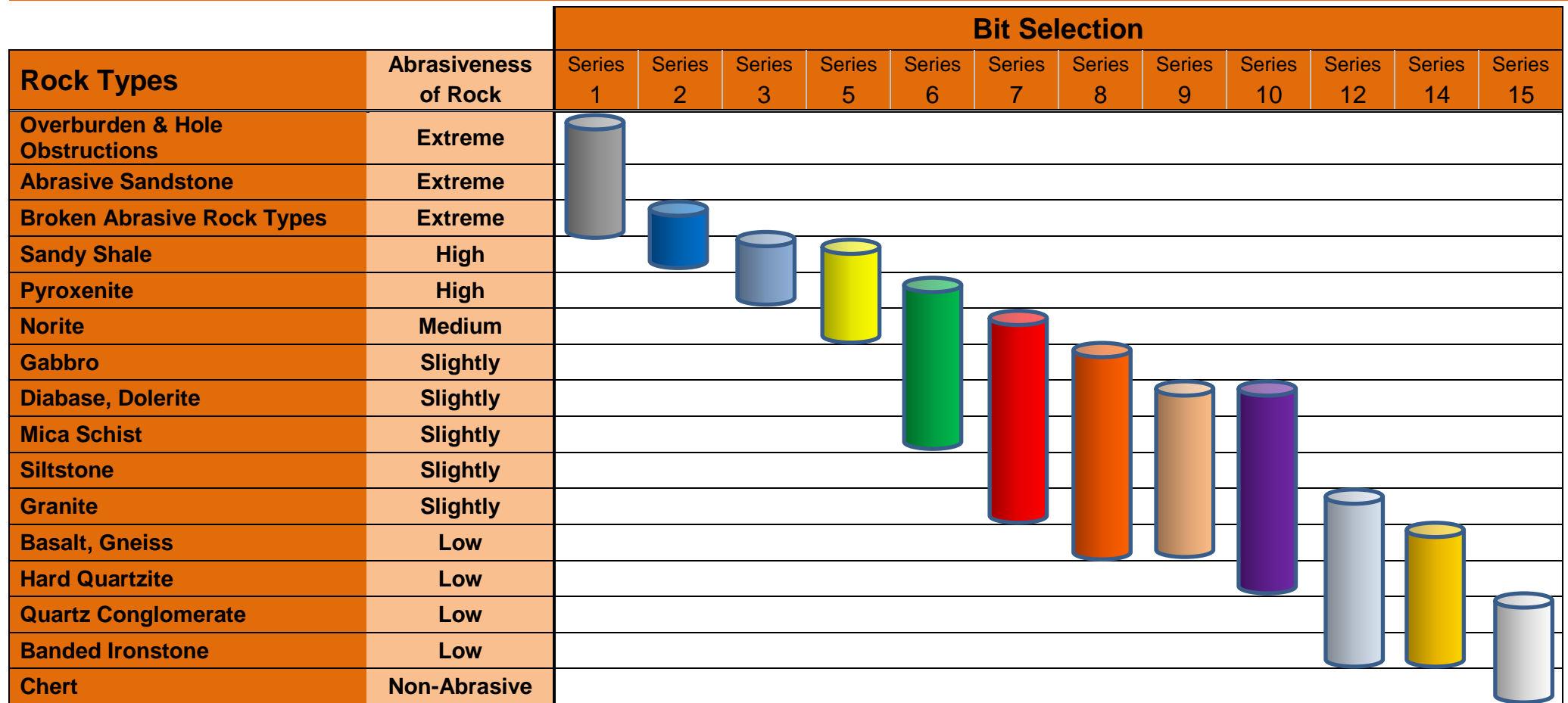




HUD MINING SUPPLIES (PTY) LTD

Bit Selection Chart



Selection Criteria for HUD Impregnated Bits

- 1) Abrasiveness of rock types being drilled.
- 2) Condition of the rock being drilled – e.g. Solid, broken or variable.
- 3) Machine type – e.g. hydraulic feed, screw feed or top drive.
- 4) Power / Torque available – Note:-“Rule-of-thumb” High Power/Torque = Tougher Bond. Low Power / Torque = Softer Bond.
- 5) Weight-on-bit:- High weight = Tough Bond / Low weight = Soft Bond.
- 6) RPM – Note High RPM generally requires a softer bond type, where as low RPM's require tougher bonds.
- 7) **NOTE:** Within each bit group products can be modified to suit specific drilling requirements!

It must be understood that within every rock group there can be several variances and that the rock types given are only a guideline and depending on the conditions, bit recommendations may need to differ to those specified above (Refer to points 1 & 2). It is recommended that when starting a drill contract, that one bond either side of the selected

