

**DESCRIPTION OF DIAMONDS RECOVERED FROM
SAMPLE 24082-001
EL24082 – Aqua Project, Borroloola, NT**

Diamonds Recovered from +1mm size fraction

Diamond #1

Size: 1.9 x 1.7 x 1.4mm, 0.04ct
Shape: Elongated dodecahedron
Colour: Dark White
Clarity: A few inclusions
Surface: resorbed, frosted with some mechanical damaged
Origin: diamond shows surface features which are indicative for stones found in alluvial deposits especially river beds

Diamond #2

Size: 1.9 x 1.0 x 0.7mm, 0.01ct
Shape: Irregular fragment
Colour: White
Clarity: one big inclusion in centre
Surface: lightly resorbed, smooth
Origin: surface features suggest the diamond may have been unlocked from a larger grain during processing

Diamond #3

Size: 1.7 x 1.4 x 1.3mm, 0.039ct
Shape: Dodecahedron fragment
Colour: Greenish-white
Clarity: a few inclusions
Surface: resorbed, frosted with some mechanical damage
Origin: diamond shows surface features indicative of stones found in alluvial deposits, especially fluvial systems (river beds)

Diamond #4

Size: 3.4 x 1.6 x 1.2mm, 0.052ct

Shape: Elongated dodecahedron

Colour: Yellow – Light Cape

Clarity: clear

Surface: resorbed, frosted with some mechanical damage

Origin: diamond shows surface features indicative of stones found in alluvial deposits, especially fluvial systems (river beds)

Diamond #5

Size: 2.4 x 1.6 x 1.0mm, 0.033ct

Shape: Irregular fragment

Colour: White

Clarity: clear

Surface: resorbed, fragments of iron coating, sharp edges

Origin: surface features suggest the diamond may have been unlocked from a larger grain during processing

Diamond #6

Size: 2.35 x 1.4 x 1.35mm, 0.024ct

Shape: Irregular fragment

Colour: Brown

Clarity: clear with cracks

Surface: resorbed, fragments of iron coating, sharp edges

Origin: surface features suggest the diamond may have been unlocked from a larger grain during processing

Diamond #7

Size: 2.2 x 1.7 x 0.8mm, 0.027ct

Shape: Irregular fragment

Colour: White

Clarity: clear with cracks

Surface: resorbed, sharp edges, patches of frosted surface

Origin: surface features suggest the diamond may have been unlocked from a larger grain during processing

Diamonds Recovered from portion of fine tailings -1mm size fraction

Macrodiamond

Size: 0.60 x 0.50 x 0.45mm

Shape: Irregular fragment

Colour: White

Microdiamond #1

Size: 0.32 x 0.20 x 0.15mm,

Shape: Flat fragment

Colour: White, clear

Microdiamond #2

Size: 0.22 x 0.21 x 0.20mm,

Shape: Cube fragment

Colour: Brown, opaque

Microdiamond #3

Size: 0.15 x 0.12 x 0.11mm,

Shape: Dodecahedron

Colour: White, clear

Microdiamond #4

Size: 0.35 x 0.25 x 0.22mm,

Shape: Octahedron

Colour: White, clear

Microdiamond #5

Size: 0.32 x 0.25 x 0.05mm,

Shape: Macle

Colour: White, clear