APPENDIX 3 – DRILL HOLE LOGGING CODES

Ngalia Resources RC Logging Codes

Collar

Project Name	
Code	**Description**
YAL	Yalyirimbi

Prospect Name	
Code	**Description**
YAL	Yalyirimbi

Hole Type	
Code	**Description**
RCP	Reverse circulation percussion
AC	Aircore
PC	Percussion
RAB	RAB

Grid ID	
Code	**Description**
MGA94_50	UTM grid

Hole Status	
Code	**Description**
C	Completed
C1	Completed - Blade Refusal
A	Abandoned
A0	Abandoned - Too Deep (Out of Rods)
A1	Abandoned - Caving/Broken ground
A2	Abandoned - No Recovery/lost circulation
A3	Abandoned - Mechanical Reason
A4	Abandoned - Water Table
A5	Abandoned - Too Hard
A6	Abandoned - Hit stope/old workings
A7	Abandoned - Bogged
A8	Abandoned - Heavily contaminated sample
A9	Abandoned - High Temperature
T1	Terminated - Budget restraints
T2	Terminated - Excessive deviation
T3	Terminated - Bad Weather
T4	Terminated - Access Problems

Meta Data

Hole Diameter	
Code	**Description**
5.5"	5.5 inches
4.25"	4.25 inches

Casing	
Code	**Description**
Yes	Yes
No	No
NR	Not Recorded

Casing Size	
Code	**Description**
60	60mm
80	80mm

Drill Contractor	
Code	**Description**
MCK	McKay Drilling

Drill Rig	
Code	**Description**
RC0X	McKay Drilling Rig XXX

F1	Failed to reach Geological Target
F2	Failed to reach Bedrock
F3	Failed to reach Water
F4	Failed to hit significant mineralisation
NR	Not Recorded
P	Proposed Hole

Company	
Code	**Description**
NGR	Ngalia Resources
GRD&A	G.R.D. & Associates
CSA	CSA Global

Geology

Lith Code		
Code	**Description**	**Type**
Sif	Iron formation general	BIF
Sct	Chert	BIF
Sim	iron formation magnetite	BIF
Sih	iron formation hematite	BIF
Sig	iron formation goethite	BIF
Sis	iron formation with sulphides	BIF
Sij	jaspilite, jasper	BIF
Si	iron formation weathered	BIF
Sio	Mineralised BIF	BIF
Sru	Sediment undiff	Sediment undiff
Sag	Argillite	Sediment undiff
Sar	Arenite	Sediment undiff
Scy	Claystone	Sediment undiff
Smd	Mudstone	Sediment undiff
Sqt	Quartzite	Sediment undiff
Ssl	Siltstone	Sediment undiff
Ssh	Shale	Sediment undiff
Spy	Phyllite	Sediment undiff
Sgs	Graphitic shale	Sediment undiff
Ssn	Sandstone	Sediment undiff
Mru	Mafic rock undiff	Igneous
Mbv	Basalt	Igneous
Mdl	Dolerite	Igneous
Mgb	Gabbro	Igneous
Mcc	Chlorite carbonate	Igneous
Mcr	Chlorite sericite	Igneous
Mma	Amphibolite	Igneous
Iru	Intermediate rocks undiff	Igneous
Ipc	Plagiocl Chlorite (Sericite) Rock	Igneous
Ism	Sericite-Muscov-Biotite Schist	Igneous
Idr	Diorite	Igneous
Gru	Granite undiff	Igneous
Grd	Diorite	Igneous
Gpg	Pegmatite	Igneous
Qa	Alluvium	Reg-prim
Qw	Sheetwash	Reg-prim
Qf	Ferruginous	Reg-prim
Qcid	Canga CID	Reg-prim
Qs	Upper saprolite	Reg-prim
Qcl	Mottled Clay	Reg-prim
Qab	Black soil	Reg-sec

Weathering	
Code	**Description**
Int	Intense
Mod	Moderately weathered
Wk	Weakly weathered
Fr	Fresh rock

Colour Hue	
Code	**Description**
RD	Red
BR	Brown
YE	Yellow
CR	Cream
GY	Grey
BK	Black
PU	Purple
GN	Green
OR	Orange
WH	White

Colour Intensity	
Code	**Description**
l	Light
m	Medium
d	Dark

Texture	
Code	**Description**
mas	massive
bed	bedded
bdk	bed thick
bdn	bedd thin
fol	folliated
Brx	brecciated
grn	granular
shd	sheared
lam	laminated

Hardness	
Code	**Description**
H	hard
M	medium
F	friable

Qav	Gravel	Reg-sec
Qfp	Pea gravel - lateritic	Reg-sec
Qfx	Lithic and lateritic	Reg-sec
Qfl	Lateritic - proximal	Reg-sec
Qsc	Clay	Reg-sec
Qsu	Weather Mafic/ultramafic	Reg-sec
Qsg	Weather Granitoid	Reg-sec
Qsi	Weather Felsic/interm vol	Reg-sec
Qss	Weather Sediment	Reg-sec
q	Quartz	Reg-sec
Cav	Cavity	Not-Rock
NS	No sample	Not-Rock

Min / Alteration Code	
Code	**Description**
GH	hematite
GO	goethite
HG	hem/goeth
GH	goeth/hem
HE	Earthy Hematite
MAN	Manganese
CAV	Cavity
GOL	Limonite
GOV	vitreous goethite
GSH	goethitic shale

Intensity Code	
Code	**Description**
tr	trace
w	weak
m	moderate
st	strong