

Drillhole	From	To	Regolith	Lithology	Minz	Minz %	Alteration	Alt_ Int	Comments
WNA001	0	3	ALV	GRV					light brown gravel
WNA001	3	16	SAP	FER					Red ferrig qtz rich upper sap
WNA001	16	24	SAP	GRT?					ferrig sap after granite?
WNA001	24	41	WTH	GRT/PEG					medium grained granite/pegmatite
WNA001	41	44	WTH	GNS/PEG					chlorite altered weathered gneiss
WNA001	44	50	WTH	clSCH/PEG					minor pegmatite
WNA001	50	54	WTH	clSCH/PEG					minor pegmatite
WNA001	54	57	WTH	clSCH					chlorite after biotite? Schist
WNA001	57	58	WTH/FR	gtbiGNS					garnet biotite gneiss
WNA002	0	4	ALV	SLT/GRV					Brown gravelly silt
WNA002	4	14	SAP	GRT?					red-brown sap - limonitic
WNA002	14	24	WTH	GRT?					light brown weathered granite?
WNA002	24	36	WTH	GNS					grey-white weathered gneissic granite
WNA002	36	46	WTH	biclSCH					weathered bicl schist with minor felsic bands (meta-sediment)
WNA002	46	48	WTH/FR	biclGNS					weathered to fresh bi-cl gneiss with trace pyrite
WNA002	48	49	FR	PEG/VQ/GNS					brecciated quartz, feldspar chlorite gneiss?
WNA003	0	3	ALV	GRV					Red gravel
WNA003	3	13	SAP	CLY					yellow-green sap clays
WNA003	13	22	SAP	CLY/GNS					yellow-green sap clays after GNS
WNA003	22	27	WTH	biGNS					yellow-green weathered biotite gneiss
WNA003	27	29	WTH/FR	biGNS					weathered to fresh bi gneiss with minor pegmatite veins
WNA004	0	4	ALV	GRV					Brown alluvial gravel
WNA004	4	14	SAP	CLY					red sap clays
WNA004	14	20	WTH	qtmuSCH					white weathered mu-quartz schist
WNA004	20	31	WTH/FR	mubiSCH					weathered to fresh muscovite biotite schist
WNA004	31	32	FR	mubiSCH					fresh muscovite biotite schist
WNA005	0	2	COL	GRV					
WNA005	2	3	SAP	GNS?					
WNA005	3	30	WTH	GNS					
WNA005	30	43	WTH/FR	GNS					
WNA005	43	54	FR	biGNS					minor chlorite
WNA009	0	6	ALV	GRV					alluvial gravel coarsening towards base
WNA009	6	10	WTH	SAP					weathered saprolite possibly after gneiss
WNA009	10	25	WTH	GNS					weathered gneiss
WNA009	25	32	FR	mGNS					fresh mafic gneiss
WNA009	32	33	FR	Mgns/VQ					mafic gneiss with laminated quartz vein
WNA010	0	2	ALV	SLT					brown alluvial silt
WNA010	2	15	SAP						cream-yellow saprolite
WNA010	15	18	SAP	GNS?					cream saprolite possibly after gneiss
WNA010	18	32	WTH	GNS					bred brown weathered gneiss
WNA010	32	51	WTH	biGNS					weathered biotite gneiss
WNA011	0	5	ALV	GRV/SLT					brown alluvial gravel and silt
WNA011	5	7	WTH	SAP/SCH					cream -yellow weathered saprolite after schist
WNA011	7	37	WTH	SCH					cream yellow weathered schist
WNA011	37	42	WTH	SCH					weathered biotite schist
WNA011	42	51	WTH/FR	biSCH					weathered haematite altered schist
WNA011	51	57	FR	biSCH					fresh biotite schist
WNA012	0	3	ALV	GRV					red-brown alluvial gravel
WNA012	3	8	WTH	CLY/SND					tertiary sediment slightly mottled
WNA012	8	48	WTH	CLY/SND					tert weathered sed med grained grey
WNA012	48	54	WTH	SND					sandy basal lag coarsening to base
WNA012	54	65	WTH	SAP/GNS					weathered SAP after gneiss?
WNA012	65	69	WTH/FR	bigtGNS					weathered to fresh bigtGNS
WNA013	0	2	ALV	GRV					Red alluvial gravel
WNA013	2	9	MOT	SND/CLY					semi-mottled tertiary sediment
WNA013	9	49	WTH	SND/CLY					grey weathered tert sed
WNA013	49	58	WTH	SND/CLY					creamy yellow tert sediment
WNA013	58	66	WTH	SND/CLY					grey lake clays
WNA013	66	74	WTH	SND/CLY					sandy lag and lake clays
WNA013	74	75	WTH	SND					sandy lag with a sulphidic layer
WNA013	75	78	WTH	clGNS					weathered mafic chlorite gneiss with minor quartz veins and laminated quartz

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WNA013	78	91	FR	cIGNS					fresh mafic gneiss, silicified and granulite in sections
WNA014	0	3	COL	GRV					colluvial gravel
WNA014	3	15	WTH	SND					fine white tert sediments
WNA014	15	23	WTH	SND					cream yellow tert lag sands
WNA014	23	54	WTH	SND/SLT					silty sand coarsening towards base
WNA014	54	65	WTH	SND/CLY					fine lake sand and clay
WNA014	65	74	WTH	SND					grey sand pebbly at base
WNA014	74	81	WTH	SAP/SCH					pistachio green weathered schist?
WNA014	81	89	WTH	SCH/VQ					green weathered schist with quartz veins and chlorite and haematite alteration
WNA014	89	90	WTH/FR	bisiSCH					siliceous biotite schist
WNA019	0	6	ALV	GRV					silty gravel
WNA019	6	18	WTH	SND					white or yellow tertiary sand
WNA019	18	19	WTH	CLY					tertiary clay
WNA019	19	22	WTH	SND/CLY					tertiary sand and clay
WNA019	22	24	WTH	CLY					tertiary clay
WNA019	24	37	WTH	SND/CLY					tertiary sand with minor clay and limonitic zones
WNA019	37	64	WTH	SND/GRV					tertiary grey sand with up to 1% sulphides
WNA019	64	78	WTH	clbiSCH					weathered chlorite biotite schist with abundant quartz veins
WNA020	0	3	ALV	GRV					alluvial gravel
WNA020	3	26	WTH	SND/CLY					tertiary fine grained sand and clay
WNA020	26	31	WTH	SND/CLY					dark brown clay organic rich
WNA020	31	47	WTH	SND/GRV					Tertiary sandy quartz gravel
WNA020	47	51	WTH	CLY/lignite					lignite - organic matter in a dark clay
WNA020	51	60	WTH	CLY					greenish yellow lake clay
WNA020	60	75	SAP	SCH					yellow-green sap clays after schist?
WNA020	75	81	WTH	SCH					weathered yellow green schist
WNA020	81	85	WTH/FER	mubiSCH/VQ					weathered yellow green with some minor red ferruginous bands and vein quartz
WNA020	85	98	WTH	mubiSCH					fine grained muscovite biotite schist with minor vein quartz
WNA020	98	102	WTH/FR	clbiSCH					chlorite biotite schist with vein quart
WNA020	102	105	WTH/FR	mubisiSCH					biotite muscovite schist - slightly silicified
WNA021	0	21	WTH	SND/CLY					tertiary sands and clays - slightly mottled in places
WNA021	21	28	WTH	SLT/CLY					brown tertiary clays and silt
WNA021	28	41	WTH	CLY/lignite					dark brown lignite clays (carboniferous)
WNA021	41	49	WTH	CLY					greenish brown lake clays
WNA021	49	51	SAP	CLY					green saprolite clays
WNA021	51	73	SAP	SCH?					green - brown saprolite clays after schist? Minor quartz (veins?) and rare ferruginous zones
WNA021	73	83	WTH/FR	clsSCH					weathered chloritic silicified schist with quartz veining
WNA030	0	2	MOT	SND/CLY					slightly mottled tertiary sands and clay
WNA030	2	25	WTH	SND/CLY					tertiary sand and clay
WNA030	25	36	WTH	SND					tertiary sand
WNA030	36	40	WTH	SND/CLY					tertiary sand and clay
WNA030	40	44	WTH	CLY					tertiary grey clay
WNA030	44	54	SAP?	CLY					yellow green grey sap clays
WNA030	54	63	SAP	CLY					brown ferruginous sap clays
WNA030	63	70	SAP	CLY/GNS?					weathered green-brown saprolite after GNS?
WNA030	70	71	WTH	cIGNS/VQ					weathered chloritic gneiss with vein quartz
WNA030	71	78	WTH	biGNS					weathered green-brown chlorite-biotite gneiss
WNA030	78	80	FR	mclGNS					medium grained intermediate intrusive chlorite-biotite gneiss - very magnetic
WNA031	0	4	ALV	GRV/SLT					alluvial gravel and silt
WNA031	4	6	WTH	GNS					weathered gneiss
WNA031	6	14	WTH	GNS					weathered gneiss
WNA031	14	20	WTH/POX	biGNS					partially weathered biotite gneiss
WNA031	20	26	POX	bigtGNS					weathered to fresh biotite quartz garnet gneiss
WNA031	26	32	FR	biGNS					fresh biotite dominated gneiss
WNA031	32	44	FR	biqtgtGNS					fresh biotite gneiss with quartz and garnet
WNA032	0	3	ALV	SLT/GRV					red silt with some gravel
WNA032	3	36	WTH	SND/CLY					tertiary white-cream sand and clay
WNA032	36	41	WTH	CLY					tertiary grey clay

EL 9528

## North Rankin

AC

2003

Drillhole	From	To	Regolith	Lithology	Minz	Minz %	Alteration	Alt_ Int	Comments
WNA032	41	56	SAP	CLY/GNS?					greenish sap? Clay with quartz grains possibly after gneiss
WNA032	56	64	SAP/WTH	biGNS?					green sap and weathered biotite gneiss
WNA032	64	78	WTH	biGNS					grey green weathered biotite gneiss
WNA032	78	85	WTH	biGNS					dark green partially weathered biotite gneiss
WNA032	85	86	WTH/FR	biGNS/VQ					biotite gneiss with vein quartz
WNA033	0	3	ALV	SLT					red silt
WNA033	3	4	ALV	GRV					brown quartz gravel
WNA033	4	6	WTH	CLY					tertiary grey clay
WNA033	6	7	WTH	SLT/CLY					brown tertiary clays and silt
WNA033	7	24	SAP	SND/CLY					white tertiary sand and clay
WNA033	24	34	SAP	CLY					red-brown orange saprolite clays
WNA033	34	48	SAP	CLY/SCH?					red-brown orange saprolite clays after schist?
WNA033	48	55	SAP	GNS					green sap after gneiss
WNA033	55	57	SAP	CLY					bleached sap clays with minor ferruginous zones
WNA033	57	58	SAP/FER	CLY					ferruginous zone possibly after sulphides and saprolite
WNA033	58	59	WTH/FR	mGRN					chlorite amphibolite with minor quartz