



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA31**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr					MW					
Amphibole					Tr					W					
Biotite					Tr					W					
Fe Oxide/Hydroxide			100	100	100					W					
Gahnite					Tr					MW					
Ilmenite				Tr	Tr					MW					
Kyanite			Tr	Tr	Tr					MW					
Leucosene				Tr	Tr					W					
Rutile				Tr	Tr					W					
Tourmaline			Tr	Tr	Tr					MW					
Zircon				Tr	Tr					MW					
TOTAL	%	%	100%	100%	100%	%	%	%							

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Technician: JED

Date Observed: 11-Oct-07

Report Printed: 25/10/2007 3:01:27 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about this sample:



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No:	CKA32
Overall Sample Assessment	Negative
Your Project Code:	Northern Territory

Sample Type (as collected):	Loam	Head Weight	22.74 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr	Tr									MW
Amphibole					Tr	Tr									W
Anatase						Tr									W
Fe Oxide/Hydroxide				100	100	100									W
Kyanite					Tr	Tr									W
Phosphate					Tr	Tr									W
Rutile						Tr									W
Spessartine				Tr	Tr	Tr									MW
Tourmaline					Tr	Tr									W
Zircon						Tr									MW
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight	210.99 g	Size Range	-1.2+0.3mm
Weight Observed	210.99 g		

Technician: BJB

Date Observed: 11-Oct-07

Report Printed: 25/10/2007 3:01:49 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Comment about this sample:



DIATECH
HEAVY MINERAL SERVICES

Ph 61 8 9361 2596

Fx 61 8 9470 1504

Detailed Heavy Mineral Analysis

Our Job No.: 07112

Disc No.: -

Sample No:

CKA33

Overall Sample Assessment

Negative

Your Project Code:

Northern Territory

Sample Type (as collected): Loam

Head Weight 24.76 kg

Sample Type (as received): Loam

Wet Weight kg

Observed Sample Type: DMS Concentrate

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine					Tr					MW					
Amphibole					Tr	Tr				MW					
Biotite					Tr					W					
Epidote					Tr					MW					
Fe Oxide/Hydroxide			100	100	100					W					
Ilmenite					Tr					W					
Kyanite					Tr	Tr				MW					
Leucoxene					Tr					W					
Muscovite					Tr	Tr				MW					
Phosphate					Tr					WW					
Rutile					Tr					MW					
Spessartine					Tr	Tr				MW					
Tourmaline					Tr	Tr				W					
Zircon					Tr	Tr				MW					
TOTAL	%	%	100%	100%	100%	%	%	%							

What Has Been Observed?

Final Conc Weight 31.760000 g | Size Range -1.2+0.3 mm
 Weight Observed 31.760000 g

Technician: JED

Date Observed: 11-Oct-07

Report Printed: 25/10/2007 3:02:09 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Comment about this sample:



DIATECH
HEAVY MINERAL SERVICES

Ph 61 8 9361 2596
Fx 61 8 9470 1504

Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA34**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine					Tr	Tr					MW				
Barite					Tr	Tr					W				
Biotite						Tr					W				
Fe Oxide/Hydroxide			100	100	100						W				
Ilmenite						Tr					W				
Kyanite					Tr	Tr					MW				
Phosphate					Tr	Tr					WW				
Rutile						Tr					W				
Tourmaline					Tr	Tr					MW				
Zircon					Tr	Tr					MW				
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Technician: JED

Date Observed: 15-Oct-07

Report Printed: 25/10/2007 3:02:30 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Comment about this sample:



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA35**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Loam Head Weight: 19.46 kg
 Sample Type (as received): Loam Wet Weight: kg
 Observed Sample Type: DMS Concentrate

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr	Tr									MW
Barite					Tr	Tr									W
Epidote						Tr									W
Fe Oxide/Hydroxide				100	100	100									W
Ilmenite						Tr									MW
Kyanite					Tr	Tr									MW
Leucoxene						Tr									W
Rutile					Tr	Tr									MW
Spessartine					Tr	Tr									MW
Tourmaline					Tr	Tr									MW
Zircon					Tr	Tr									W
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight: 85.570001 g | Size Range: -1.2+0.3mm
 Weight Observed: 85.570001 g

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Comment about this sample:

Technician: JED

Date Observed: 15-Oct-07

Report Printed: 25/10/2007 3:02:51 PM



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA36**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr	Tr									MW
Epidote						Tr									W
Fe Oxide/Hydroxide				100	100	100									W
Kyanite						Tr									W
Monazite						Tr									W
Phosphate						Tr									W
Rutile						Tr									W
Spessartine				Tr	Tr	Tr									MW
Tourmaline					Tr	Tr									W
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Technician: BJB
Date Observed: 11-Oct-07

Report Printed: 25/10/2007 3:03:16 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Comment about this sample:



DIATECH
HEAVY MINERAL SERVICES

Ph 61 8 9361 2596
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Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA38**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr						MW				
Amphibole				Tr	Tr						MW				
Barite				Tr	Tr						W				
Fe Oxide/Hydroxide			100	100	100						W				
Kyanite				Tr	Tr						MW				
Leucoxene				Tr	Tr						W				
Muscovite					Tr						W				
Spessartine				Tr	Tr						MW				
Tourmaline				Tr	Tr						WW				
Zircon					Tr						WW				
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Technician: JED

Date Observed: 18-Oct-07

Report Printed: 25/10/2007 3:03:39 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about this sample:



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA39**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected):	Loam	Head Weight	20.38 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr					MW					
Amphibole					Tr					MW					
Barite				Tr	Tr					W					
Biotite					Tr					W					
Clinopyroxene					Tr					MW					
Epidote					Tr					W					
Fe Oxide/Hydroxide			100	100	100					W					
Kyanite				Tr	Tr					MW					
Phosphate				Tr	Tr					WW					
Rutile				Tr	Tr					W					
Spessartine				Tr	Tr					MW					
Tourmaline			Tr	Tr	Tr					MW					
Zircon				Tr	Tr					W					
TOTAL	%	%	100%	100%	100%	%	%	%							

What Has Been Observed?

Final Conc Weight: 72.280001 g | Size Range: -1.2+0.3mm
Weight Observed: 72.280001 g

Technician: JED

Date Observed: 16-Oct-07

Report Printed: 25/10/2007 3:04:02 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Comment about this sample:



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA40**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond Number of particles in each size fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10	Total particles	Description of these particles
----	------	------	------	------	------	-------	-------	-------	-----------------	--------------------------------

Key Minerals Number of particles in each size fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10	Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
----	------	------	------	------	------	-------	-------	-------	------	----------------------	-----------------	------------------------	------------------------------------	---

Other Minerals % Percentage of particles in each size fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
----	------	------	------	------	------	-------	-------	-------	------	--------	------------	--------	--------------	------------

Almandine			Tr	Tr	Tr										MW
Anatase					Tr										MW
Barite				Tr	Tr										W
Biotite					Tr										W
Fe Oxide/Hydroxide			100	100	100										MW
Ilmenite					Tr										W
Kyanite					Tr										MW
Muscovite					Tr										W
Rutile					Tr										W
Tourmaline					Tr										WW
Zircon					Tr										W
TOTAL	%	%	100%	100%	100%	%	%	%							

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Technician: JED

Date Observed: 17-Oct-07

Report Printed: 25/10/2007 3:04:23 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Comment about this sample:



DIATECH
HEAVY MINERAL SERVICES

Ph 61 8 9361 2596

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Detailed Heavy Mineral Analysis

Our Job No.: 07112

Disc No.: -

Sample No:

CKA41

Overall Sample Assessment

Negative

Your Project Code:

Northern Territory

Sample Type (as collected): Loam

Head Weight: 18.7 kg

Sample Type (as received): Loam

Wet Weight: kg

Observed Sample Type: DMS Concentrate

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						
Almandine				Tr	Tr									
Biotite					Tr									
Fe Oxide/Hydroxide			100	100	100									
Ilmenite				Tr	Tr									
Kyanite				Tr	Tr									
Muscovite					Tr									
Tourmaline				Tr	Tr									
TOTAL	%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight: 1.04 g | Size Range: -1.2+0.3 mm

Weight Observed: 1.04 g

Technician: JED

Date Observed: 11-Oct-07

Report Printed: 25/10/2007 3:04:44 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about this sample:



DIATECH
HEAVY MINERAL SERVICES

Ph 61 8 9361 2596

Fx 61 8 9470 1504

Detailed Heavy Mineral Analysis

Our Job No.: 07112

Disc No.: -

Sample No: **CKA43**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr	Tr					MW				
Amphibole						Tr					MW				
Biotite						Tr					W				
Epidote					Tr	Tr					MW				
Fe Oxide/Hydroxide			100	100	100						W				
Ilmenite					Tr						W				
Kyanite					Tr	Tr					MW				
Monazite						Tr					WW				
Rutile						Tr					MW				
Spessartine					Tr	Tr					MW				
Staurolite				Tr	Tr	Tr					MW				
Tourmaline					Tr	Tr					MW				
Zircon					Tr	Tr					WW				
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Technician: JED

Date Observed: 17-Oct-07

Report Printed: 25/10/2007 3:05:06 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about this sample:



DIATECH
HEAVY MINERAL SERVICES

Ph 61 8 9361 2596

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Detailed Heavy Mineral Analysis

Our Job No.: 07112

Disc No.: -

Sample No:

CKA44

Overall Sample Assessment

Negative

Your Project Code:

Northern Territory

Sample Type (as collected): Loam

Head Weight 23.26 kg

Sample Type (as received): Loam

Wet Weight kg

Observed Sample Type: DMS Concentrate

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				5	10						MW				
Amphibole			Tr	Tr	10						MW				
Biotite					Tr						W				
Epidote				Tr	Tr						MW				
Fe Oxide/Hydroxide			100	85	30						W				
Gahnite					Tr						W				
Ilmenite				Tr	10						MW				
Kyanite			Tr	5	30						MW				
Leucoxene				Tr	Tr						W				
Muscovite					Tr						W				
Rutile				Tr	Tr						W				
Spessartine				Tr	Tr						MW				
Staurolite					Tr						MW				
Tourmaline			Tr	5	10						W				
Zircon				Tr	Tr						MW				
TOTAL	%	%	100%	100%	100%	%	%	%							



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Detailed Heavy Mineral Analysis

Our Job No.: 07112

Disc No.: -

Sample No:

CKA44

Overall Sample Assessment

Negative

Your Project Code:

Northern Territory

What Has Been Observed?

Final Conc Weight 1.89 g | Size Range -1.2+0.3mm

Weight Observed 1.89 g

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about
this sample:

Technician: JED

Date Observed: 17-Oct-07

Report Printed: 25/10/2007 3:05:26 PM



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No:	CKA45
Overall Sample Assessment	Negative
Your Project Code:	Northern Territory

Sample Type (as collected):	Loam	Head Weight	20.92 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	5	15									MW
Al-Spinel								Tr							MW
Biotite					Tr	Tr									W
Epidote						Tr									W
Fe Oxide/Hydroxide				100	90	70									MW
Ilmenite					Tr	5									MW
Kyanite					Tr	2	5								MW
Leucoxene					Tr	Tr									W
Rutile					Tr	Tr									MW
Tourmaline					Tr	3	5								W
Zircon						Tr	Tr								MW
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight	6.8600000 g	Size Range	-1.2+0.3mm
Weight Observed	6.8600000 g		

Technician: JED

Date Observed: 11-Oct-07

Report Printed: 25/10/2007 3:05:48 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about this sample:



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Detailed Heavy Mineral Analysis

Our Job No.: 07112

Disc No.: -

Sample No:

CKA46

Overall Sample Assessment

Negative

Your Project Code:

Northern Territory

Sample Type (as collected): Loam

Head Weight 20.08 kg

Sample Type (as received): Loam

Wet Weight kg

Observed Sample Type: DMS Concentrate

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						
Almandine			Tr	Tr	Tr				MW					
Amphibole				Tr	Tr				MW					
Fe Oxide/Hydroxide			100	100	100				W					
Ilmenite				Tr	Tr				MW					
Kyanite				Tr	Tr				MW					
Rutile				Tr	Tr				MW					
Spessartine				Tr	Tr				MW					
Tourmaline				Tr	Tr				WW					
Zircon					Tr				MW					
TOTAL	%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight 37.59 g | Size Range -1.2+0.3mm

Weight Observed 37.59 g

Technician: JED

Date Observed: 17-Oct-07

Report Printed: 25/10/2007 3:06:10 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Comment about this sample:



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA47**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr	Tr									MW
Barite								Tr							WW
Fe Oxide/Hydroxide				100	100	100									W
Ilmenite								Tr							MW
Kyanite				Tr	Tr	Tr									MW
Leucoxene								Tr							W
Phosphate					Tr	Tr									WW
Rutile						Tr									W
Spessartine					Tr	Tr									MW
Tourmaline					Tr	Tr									WW
Zircon					Tr	Tr									MW
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Technician: JED

Date Observed: 16-Oct-07

Report Printed: 25/10/2007 3:06:32 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Comment about this sample:



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Detailed Heavy Mineral Analysis

Our Job No.: 07112

Disc No.: -

Sample No:

CKA48

Overall Sample Assessment

Negative

Your Project Code:

Northern Territory

Sample Type (as collected): Loam

Head Weight 22.34 kg

Sample Type (as received): Loam

Wet Weight kg

Observed Sample Type: DMS Concentrate

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr						MW				
Biotite					Tr						W				
Epidote					Tr						MW				
Fe Oxide/Hydroxide			100	100	100						W				
Ilmenite				Tr	Tr						W				
Kyanite				Tr	Tr						MW				
Rutile					Tr						MW				
Tourmaline				Tr	Tr						MW				
Zircon				Tr	Tr						W				
TOTAL	%	%	100%	100%	100%	%	%	%							

What Has Been Observed?

Final Conc Weight 77.800000 g | Size Range -1.2+0.3mm

Weight Observed 77.800000 g

Technician: JED

Date Observed: 16-Oct-09

Report Printed: 25/10/2007 3:06:53 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Comment about this sample:



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA50**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine			5	Tr	Tr						MW				
Biotite				Tr	Tr						W				
Epidote				Tr	Tr						W				
Fe Oxide/Hydroxide			90	50	50						W				
Gahnite				Tr	Tr						W				
Ilmenite				Tr	Tr						W				
Kyanite			Tr	50	50						W				
Leucoxene				Tr	Tr						W				
Rutile				Tr	Tr						W				
Spessartine				Tr	Tr						MW				
Tourmaline			5	Tr	Tr						W				
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Technician: BJB

Date Observed: 11-Oct-07

Report Printed: 25/10/2007 3:07:14 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about this sample:



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA51**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine			10	10	Tr						MW				
Amphibole				Tr	Tr						MW				
Biotite					Tr						W				
Epidote				Tr	Tr						MW				
Fe Oxide/Hydroxide			60	20	Tr						W				
Gahnite				Tr	Tr						MW				
Ilmenite				10	20						W				
Kyanite			15	40	60						W				
Leucosene				Tr	Tr						W				
Muscovite				Tr	Tr						W				
Orthopyroxene				Tr	Tr						W				
Pyrite			Tr								W				
Rutile				Tr	Tr						MW				
Spessartine				Tr	Tr						MW				
Staurolite				Tr	Tr						MW				
Tourmaline			15	20	20						W				
Zircon				Tr	Tr						W				

TOTAL % % 100% 100% 100% % % %



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Detailed Heavy Mineral Analysis

Our Job No.: 07112

Disc No.: -

Sample No:

CKA51

Overall Sample Assessment

Negative

Your Project Code:

Northern Territory

What Has Been Observed?

Final Conc Weight 5.1900000 g | Size Range -1.2+0.3mm

Weight Observed 5.1900000 g

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about
this sample:

Technician: JED

Date Observed: 17-Oct-07

Report Printed: 25/10/2007 3:07:34 PM



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA52**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr	Tr									MW
Anatase						Tr									W
Epidote					Tr	Tr									W
Fe Oxide/Hydroxide				70	20	5									W
Gahnite					Tr	Tr									MW
Ilmenite					20	35									MW
Kyanite				10	50	50									MW
Leucosene						Tr									W
Orthopyroxene					Tr	Tr									W
Rutile					Tr	Tr									W
Spessartine				Tr	Tr	Tr									MW
Tourmaline				20	10	10									W
Zircon						Tr									W
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Technician: JED

Date Observed: 17-Oct-07

Report Printed: 25/10/2007 3:07:55 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
----	------	------	------	------	------	-------	-------	-------

NotMag | | | All | All | All | | |

Comment about this sample:



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA53**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine				Tr	Tr						MW				
Al-Spinel				Tr	Tr						MW				
Epidote				Tr	Tr						W				
Fe Oxide/Hydroxide			90	20	Tr						W				
Gahnite				Tr	Tr						MW				
Ilmenite			10	15	40						MW				
Kyanite			Tr	50	50						MW				
Leucoxene					Tr						W				
Rutile				Tr	Tr						MW				
Tourmaline			Tr	15	10						W				
Zircon				Tr	Tr						W				
TOTAL	%	%	100%	100%	100%	%	%	%							

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about this sample:

Technician: JED

Date Observed: 17-Oct-07

Report Printed: 25/10/2007 3:08:17 PM



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA54**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond Number of particles in each size fraction Total particles Description of these particles

Key Minerals Number of particles in each size fraction Overall Morph. Group Total particles No of particles probed PRIORITY based on Morphology (only) PRIORITY based on morphology and Probe)

Other Minerals % Percentage of particles in each size fraction Wear Colour Angularity Lustre Transparency Form/Shape

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine				Tr	Tr				MW					
Amphibole				Tr	Tr				MW					
Epidote				Tr	Tr				MW					
Fe Oxide/Hydroxide			100	45	40				W					
Gahnite				Tr	Tr				W					
Ilmenite				10	20				W					
Kyanite			Tr	45	40				MW					
Leucoxene				Tr	Tr				W					
Rutile				Tr	Tr				W					
Spessartine				Tr	Tr				MW					
Staurolite				Tr	Tr				W					
Tourmaline			Tr	Tr	Tr				MW					
Zircon					Tr				W					
TOTAL	%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight: g | Size Range:
 Weight Observed: g

Technician: LF

Date Observed: 17-Oct-07

Report Printed: 25/10/2007 3:08:39 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about this sample:



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA55**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Al-Spinel					Tr					MW					
Barite					Tr	Tr				W					
Epidote					Tr	Tr				W					
Fe Oxide/Hydroxide			100	30	Tr					W					
Gahnite					Tr	Tr				W					
Ilmenite				30	45					MW					
Kyanite				Tr	30	45				MW					
Leucosene				Tr	Tr	Tr				W					
Rutile					Tr	Tr				W					
Staurolite					Tr	Tr				MW					
Tourmaline				Tr	10	10				MW					
Zircon					Tr	Tr				MW					

TOTAL % % 100% 100% 100% % % %

What Has Been Observed?

Final Conc Weight: g Size Range: mm
 Weight Observed: g

Technician: JED

Date Observed: 17-Oct-07

Report Printed: 25/10/2007 3:09:00 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about this sample:



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA56**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected): Head Weight: kg
 Sample Type (as received): Wet Weight: kg
 Observed Sample Type:

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine			40	20	15						MW				
Amphibole			Tr	Tr	Tr						W				
Biotite				Tr	Tr						W				
Epidote			Tr	Tr	Tr						MW				
Fe Oxide/Hydroxide			10	20	10						W				
Gahnite				Tr	Tr						W				
Ilmenite				15	30						W				
Kyanite			10	20	25						MW				
Leucoxene				Tr	Tr						W				
Monazite				Tr	Tr						W				
Muscovite				Tr	Tr						MW				
Rutile				Tr	Tr						W				
Spessartine			40	25	20						MW				
Staurolite			Tr	Tr	Tr						MW				
Tourmaline					Tr						W				
TOTAL	%	%	100%	100%	100%	%	%	%							



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Detailed Heavy Mineral Analysis

Our Job No.: 07112

Disc No.: -

Sample No:

CKA56

Overall Sample Assessment

Negative

Your Project Code:

Northern Territory

What Has Been Observed?

Final Conc Weight g | Size Range

Weight Observed g

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about
this sample:

Technician:

LF

Date Observed:

18-Oct-07

Report Printed:

25/10/2007 3:45:59 PM



Detailed Heavy Mineral Analysis

Our Job No.: 07112
Disc No.: -

Sample No: **CKA57**

Overall Sample Assessment: **Negative**

Your Project Code: Northern Territory

Sample Type (as collected):	Loam	Head Weight	22.52 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	Number of particles in each size fraction								Total particles	Description of these particles
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10		

Key Minerals

mm	Number of particles in each size fraction								Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Other Minerals

mm	% Percentage of particles in each size fraction								Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10						

Almandine			60	50	10					MW					
Amphibole			Tr	5	Tr					MW					
Biotite					Tr					W					
Epidote				Tr	Tr					W					
Fe Oxide/Hydroxide			40	10	Tr					W					
Gahnite				Tr	Tr					MW					
Ilmenite			Tr	20	20					MW					
Kyanite			Tr	15	50					MW					
Leucosene			Tr	Tr	Tr					W					
Orthopyroxene			Tr	Tr	Tr					MW					
Rutile				Tr	Tr					W					
Spessartine				Tr	Tr					MW					
Tourmaline			Tr	Tr	20					MW					
Zircon				Tr	Tr					W					
TOTAL	%	%	100%	100%	100%	%	%	%							

What Has Been Observed?

Final Conc Weight: 13.270000 g | Size Range: -1.2+0.3 mm
Weight Observed: 13.270000 g

Technician: JED

Date Observed: 18-Oct-07

Report Printed: 25/10/2007 3:09:44 PM

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about this sample:



DIATECH
HEAVY MINERAL SERVICES

Ph 61 8 9361 2596

Fx 61 8 9470 1504

Detailed Heavy Mineral Analysis

Our Job No.: 07112

Disc No.: -

Sample No:

CKA58

Overall Sample Assessment

Negative

Your Project Code:

Northern Territory

What Has Been Observed?

Final Conc Weight 4.5600001 g | Size Range -1.2+0.3mm

Weight Observed 4.5600001 g

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+0.8	+0.4	+0.3	+0.25	+0.20	+0.10
NotMag			All	All	All			

Comment about
this sample:

Technician: JED

Date Observed: 18-Oct-07

Report Printed: 25/10/2007 3:10:06 PM