

Our Job No.: 07111 Disc No.: -

	Sample No:	CKA01
Sc	imple Assessment	Negative
	10 1	N. II. T. II.

11101073012370		Your Project Code:	Normem termory
Fx 61 8 9470 1504			
Sample Type (as collected):	Loam	Head Weight	21.62 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Overall

Total **Diamond** particles Description of these particles +.10 Overall No of particles PRIORITY based PRIORITY based probed Morph. Group particles on Morphology on morphology Wear only) and Probe) Other Minerals $\frac{\%}{mm}$ Percentage of particles in each size fraction +2.0 +1.2 +.8 +.4 +.3 +.25 +.20Wear Colour Angularity Lustre Transparency Form/Shape Almandine Tr MW pale pink subangular dull to transparent etched, blocky, small Tr orange-pink, black inclusions stained Amphibole Tr Tr MW black-green subangular dull translucent etched striate laths to opaque subrounded subangular matte Barite Tr Tr MF cream opaque aranular Biotite rounded dull to translucent flakes, rare copperv Tr Tr brown pearly Fe Oxide/Hydroxide W red-brown, subrounded dull to 100 100 100 opaque irregular, knobbly brick red opaque Ilmenite silvery-black subrounded dull to rare, smooth, flattened Tr Tr submetallic subhedra Kyanite Tr MW colourless, subangular dull transparent thin blades Tr stained subrounded Martite MW red-brown subangular polished broken octahedra Tr opaque Tr tarnished multiple twinned cubes. Pyrite MF angular submetallic opaque Tr brown Rutile WW silvery-black rounded submetallic opaque rolled, pitted. Tr with reddish tints Spessartine Tr Tr MW pale orange subangular dull to transparent irregular, smooth to greasy etched subrounded glassy to W black-brown translucent irregular, many etched Tourmaline Tr Tr

Final Conc Weight	2.8999999 g	Size Range	-1.2+0.3 mm
Weight Observed	2.8999999 g		

% 100%

Date Observed: 24-Sep-07 **Report Printed:** 17/10/2007 11:55:16 AN

LF

Technician:

Comment about this sample:

to rounded dull

Magnetic Fractions vs Size Fraction

What Has Been Observed?

TOTAL

 mm
 +2.0
 +1.2
 +.8
 +.4
 +.3
 +.25
 +.20

 NotMag
 All
 All

100% 100%



Our Job No.: 07111

Samp	le No:	CKA02
Overall Sample Ass	essment	Negative
Your Project Code:		Northern Territory

Date Observed:

Report Printed: 17/10/2007 11:55:36 AN

24-Sep-07

Disc No.:	-	

Sample Type (as collected):	Loam	Head Weight	22.12 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Diamond mm		+1.2	particle +.8	+.4	:h size fr +.3	+.25	+.20	+.10	Tota parti	l cles Description	n of these part	icles		
ey Minerals _{mm}	<u>Num</u> +2.0	ber of p +1.2	oarticles +.8	in eacl	h size fro +.3	<u>action</u> +.25	+.20	+.10	Wea	Overall r Morph. Grou	Total p particles	No of part		ased PRIORITY based ogy on morphology and Probe)
Other Minerals	<u>% P∈</u> +2.0	ercenta +1.2	ge of pa +.8	rticles i +.4	n each : +.3	size frac +.25	<u>ction</u> +.20	+.10	Wea	r Colour	Angularity	Lustre	Transparency	Form/Shape
lmandine			80	70	50				MW					
mphibole			10	20	30				W					
iotite				Tr	Tr				W					
pidote				Tr	Tr				w					
e Oxide/Hydroxide			10	Tr	10				W					
menite				10	5				MW					
yanite			Tr	Tr	5				W					
eucoxene					Tr				ww					
hosphate				Tr	Tr				ww					
utile					Tr				ww					
pessartine					Tr				MW					
taurolite					Tr			\exists	ww					
ourmaline				Tr	Tr				W					
ircon					Tr				ww	mottled colourless/ orange				
OTAL	%	%	100%	100%	100%	%	%	%		-				

What Has Been Observed? Size Range -1.2+0.3 mm Final Conc Weight 3.9599999 g Weight Observed 3.9599999 g **Magnetic Fractions vs Size Fraction** mm +2.0 +1.2 +.8

All

All

NotMag

Comment about

this sample:



Our Job No.: 07111

S	ample No	:	CKA03
Overall Samp	ole Assessmer	nt	Negative
Your Project (Code:		Northern Territory

Disc No.: -

Sample Type (as collected):	Loam	Head Weight	31.54 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Total **Diamond** particles Description of these particles +.10 Overall No of particles PRIORITY based PRIORITY based probed Morph. Group particles on Morphology on morphology Wear and Probe) only) Other Minerals $\frac{\% \text{ Percentage of particles in each size fraction}}{+2.0 +1.2 +.8 +.4 +.3 +.25 +.20}$ +.10 Colour Form/Shape Wear Angularity Lustre Transparency Almandine 15 70 75 MW pale pink, rounded transparent irregular orange-pink translucent Amphibole Tr 15 15 MW bottle green, rounded dull translucent elongate black to opaque Biotite dull Tr Tr MW brown rounded opaque flakv Epidote MW yellow-green rounded glassy translucent irregular Tr Tr Tr Fe Oxide/Hydroxide W red-brown, rounded opaque irregular 85 15 5 black Gahnite sea green, rounded dull translucent eu/subhedral Tr black MW silvery-black Ilmenite Tr 5 subrounded metallic opaque irregular to rounded Kyanite W colourless rounded transparent bladed Tr glassy Tr Tr Rutile submetallic opaque cherry red rounded irregular Tr Spessartine MW orange, subrounded glassy transparent irregular Tr Tr Tr orange-pink translucent near spherical Tourmaline Tr Tr W brown rounded dull to opaque

Who	at Has	Been	Obse	erved?

TOTAL

Final Conc Weight 7.8199998 g Size Range -1.2+0.3 mm

Weight Observed 7.8199998 g

% 100%

100% 100%

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10		
NotMag			All	All	All					

Date Observed: 28-Sep-07 **Report Printed:** 17/10/2007 11:55:58 A*N*

BJG

Technician:



Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.: -

% 100% 100% 100%

Overall Sample Assessment

Your Project Code:

CKA04

Negative

Northern Territory

Fx 61 8 9470 1504		,	,
Sample Type (as collected):	Loam	Head Weight	31.2 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Diamond	Nui		particle	s in eac	ch size f	raction			Tota					
mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10	parti	cles Description	of these par	ticles		
(ey Minerals _{mm}	<u>Num</u> +2.0	1ber of +1.2	particles +.8	s in eac +.4	h size fro +.3	action +.25	+.20	+.10	Wea	Overall r Morph. Grou	Total p particles			based PRIORITY bas blogy on morpholog and Probe)
Chromite/Cr-Spinel					1				W	B1 yish-black, we	ell rounded,	anhedral,	B granular	С
Other Minerals	<u>% P€</u> +2.0	ercento	ige of po	articles i	n each +.3	size frac	ction +.20	+.10	Wea	r Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			50	70	60				MW					
amphibole			Tr	10	Tr				MW					
iotite					Tr				W					
Clinopyroxene					Tr				W	palest green		dull	transparent	irregular
pidote			Tr	Tr	Tr				w					
e Oxide/Hydroxide			50	20	35				W					
Gahnite				Tr	Tr				W					
menite				Tr	5				MW					
yanite			Tr	Tr	Tr				W					
'hosphate			Tr	Tr	Tr				W	orange-brown				
tutile				Tr	Tr				MW					
pessartine			Tr	Tr	Tr				MW					
ourmaline			Tr	Tr	Tr				W					
ircon					Tr				MW	colourless		glassy	transparent	subhedral

DIATECH Ph 61 8 9361 2596 Fx 61 8 9470 1504

Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.: -

Overall Sample Assessment Your Project Code: CKA04 Negative Northern Territory

Technician:

Date Observed:

BJG

28-Sep-07

17/10/2007 11:56:19 AN

What Has Been Observed?

Final Conc Weight 7.04 g Size Range -1.2+0.3 mm
Weight Observed 7.04 g

Report Printed:

Comment about this sample:

Magnetic Fractions vs Size Fraction

 mm
 +2.0
 +1.2
 +.8
 +.4
 +.3
 +.25
 +.20
 +.10

 NotMag
 All
 All
 All
 All
 All
 All
 All



Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.: -

% 100% 100% 100%

Sample No:	CKA05
Sample Assessment	Negative

Northern Territory

Sample Type (as collected):

Sample Type (as received):

Sample Type (as received):

Coam

Cobserved Sample Type:

Overall

Your Project Code:

Opserved sair	ipic iyi	pc.												
Diamond mm	<u>Num</u> +2.0	ber of +1.2	particle +.8	+.4	ch size +.3	fraction +.25	+.20	+.10	Total partic	les Descriptior	of these part	icles		
Key Minerals _{mm}	<u>Numb</u> +2.0	oer of 1 +1.2	particles +.8	s in eac +.4	h size fi +.3	raction +.25	+.20	+.10	Wear	Overall Morph. Group	Total particles			based PRIORITY based logy on morphology and Probe)
Other Minerals	<u>% Per</u> +2.0	rcenta +1.2	ge of po +.8	articles +.4	in each +.3	size frac +.25	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			Tr	Tr	Tr				MW					
Amphibole					Tr				W					
Barite				Tr	Tr				MW					
Biotite				Tr	Tr				w					
Chlorite					Tr				W					
Clinopyroxene					Tr				W					
Epidote				Tr	Tr				W					
Fe Oxide/Hydroxide			100	100	100				W					
Gahnite				Tr	Tr				W					
Kyanite				Tr	Tr				W					
Leucoxene					Tr				w					
Phosphate				Tr	Tr				W					
Rutile					Tr				W					
Spessartine					Tr				MW					
Tourmaline				Tr	Tr				W					



Our Job No.: 07111 Disc No.: -

Overall Sample Assessment Your Project Code: CKA05 Negative Northern Territory

What Has Been Observed?

Final Conc Weight 26.3 g Size Range -1.2+0.3 mm
Weight Observed 26.3 g

Technician: BJG

Date Observed: 03-Oct-07

Report Printed: 17/10/2007 11:56:40 AN

Magnetic Fractions vs Size Fraction

magnene macher								
mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			



Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.:

Sample No: CKA06 Overall Sample Assessment **Negative** Northern Territory Your Project Code:

BJG

02-Oct-07

17/10/2007 11:57:00 AN

Technician:

Date Observed:

Report Printed:

Sample Type (as collected):	Loam	Head Weight	21.18 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Diamond mm	Number of particles in each size fraction +2.0 +1.2 +.8 +.4 +.3 +.25 +.20								Total 0 particles Description of these particles					
Key Minerals _{mm}	<u>Num</u> +2.0	ber of pa +1.2		n each +.4	size fra +.3	<u>iction</u> +.25	+.20	+.10	Wear	Overall Morph. Group	Total particles		PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)

Other Minerals	ther Minerals % Percentage of particles in each size fraction mm +2.0 +1.2 +.8 +.4 +.3 +.25 +.20 +.10 Wear Colour Angularity Lustre Transparency Form/Shape													
Office Willierans	n +2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			Tr	Tr	Tr				MW					
Clinopyroxene					Tr				w					
Epidote			Tr	Tr	Tr				w					
Fe Oxide/Hydroxide			100	100	100				w					
Spessartine			Tr	Tr	Tr				MW					
Zircon					Tr				W					
TOTAL	%	78	5 100%	100%	3 100%	%	%	%						

What Has Been Observed?

Final Conc Weight 192.37 g Size Range -1.2+0.3 mm

Weight Observed 192.37 g

Comment about

this sample:

magnetic fraction								
mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			ΔⅡ	ΔΙΙ	ΔΙΙ			



Our Job No.: 07111 Disc No.: -

Sample N	o: CKAC)7
Overall Sample Assessm	ent Negativ	e
Your Project Code:	Northern Territo	ory

DIATECH

61 8 9361 2596

Sample Type (as collected):	Loam	Head Weight	20.32 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Observed Sam	ple T	ype:												
Diamond _{mm}	<u>Nu</u> +2.0	mber o	f particle +.8	es in ea +.4	ch size +.3	fraction +.25	+.20	+.10	Total partic	les Descriptio	n of these part	ticles		
Key Minerals _{mm}	<u>Nun</u> +2.0	nber of +1.2	particle: +.8	s in eac +.4	ch size fi +.3	raction +.25	+.20	+.10	Wear	Overall Morph. Grou	Total up particles	No of part		ased PRIORITY based ogy on morphology and Probe)
Other Minerals	<u>% Po</u> +2.0	ercento +1.2	<u>ige of po</u> +.8	articles +.4	in each +.3	size fra +.25	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			15	30	15				MW					
Amphibole			Tr	Tr	Tr				W					
Biotite					Tr				W					
Epidote				Tr	Tr				W					
Fe Oxide/Hydroxide			70	40	50				W					
Gahnite			Tr	Tr	Tr				W					
Ilmenite				Tr	Tr				W					
Kyanite			15	30	35				W					
Rutile				Tr	Tr				W					
Spessartine			Tr	Tr	Tr				MW					
Tourmaline				Tr	Tr				w					

١	W	hai	·Ho	as E	3ee	n O	bs	ser	ve	ď	?

TOTAL

Final Conc Weight 13.370000 g Size Range -1.2+0.3 mm Weight Observed 13.370000 g

% 100% 100% 100%

Magnetic Fractions vs Size Fraction

 mm
 +2.0
 +1.2
 +.8
 +.4
 +.3
 +.25
 +.20
 +.10

 NotMag
 All
 Al

 Technician:
 BJG

 Date Observed:
 04-Oct-07

 Report Printed:
 17/10/2007 11:57:20 AN



Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.: - Overall Sample Assessment

Your Project Code:

CKA08

Negative

Northern Territory

Fx 61 8 9470 1504			
Sample Type (as collected):	Loam	Head Weight	24.92 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Diamond _{mm}	<u>Νυ</u> +2.0	mber o +1.2	f particle +.8	es in eac		traction +.25		+ 10	Total partic	les Descriptio	n of these nar	ticles		
	. 2.0	* 1.2	1.0			25	1.20	*.10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Descriptio	ii oi tilese pai	licies		
Key Minerals _{mm}	<u>Nur</u> +2.0	nber of +1.2	particle: +.8	s in eac +.4	h size fr +.3	action +.25	+.20	+.10	Wear	Overall Morph. Grou	Total up particles			ased PRIORITY based ogy on morphology and Probe)
Other Minerals	<u>% P</u> +2.0	ercento +1.2	ige of po	articles i +.4	n each +.3	size frac	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			50	35	20				MW					
Amphibole			Tr	Tr	Tr				W					
Biotite					Tr				W					
Epidote				Tr	Tr				W					
Fe Oxide/Hydroxide			50	50	50				W					
Ilmenite					Tr				W					
Kyanite			Tr	15	30				W					
Rutile				Tr	Tr				W					
Spessartine			Tr	Tr	Tr				MW					
Tourmaline			Tr	Tr	Tr				W					

What Has Been	Obser	ved?								Те	chnician:	BJG
Final Conc Weight	4.3900	001 g	Siz	ze Range	е	-1	.2+0.3	mm		Date (Observed:	04-Oct-07
Weight Observed	4.3900	001 g								Report Printed:	17/10/2007	11:57:42 AN
Magnetic Fractions		raction		+.4	+.3	+.25	+.20	+.10	Comment about	-		
NotMag	12.0		All	All	All			0	this sample:			



Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.: - Overall Sample Assessment

Your Project Code:

CKA09

Negative

Northern Territory

1 / 01 0 / 4/ 0 1004			
Sample Type (as collected):	Loam	Head Weight	20.86 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

		7												
Diamond	<u>Nu</u> m +2.0		f particle +.8				+ 20	+.10	Total partic	les Description	n of these par	ticles		
	11 +2.0	71.2	7.0	7.4	7.5	7.23	+.20	7.10	Partie	Description	ii oi tilese pai	licies		
Key Minerals _m	<u>Nur</u> m +2.0	mber of +1.2	particles +.8	s in eac +.4	h size fr +.3	action +.25	+.20	+.10	Wear	Overall Morph. Grou	Total p particles	No of part probed		ogy on morphology and Probe)
Other Minerals	% P m +2.0	ercento +1.2	age of po	articles i +.4	in each +.3	size fra +.25	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			50	50	35				MW					
Amphibole			Tr	Tr	Tr				W					
Biotite				Tr	Tr				W					
Epidote				Tr	Tr				W					
Fe Oxide/Hydroxide			50	50	50				W					
Ilmenite				Tr	Tr				W					
Kyanite			Tr	Tr	15				W					
Rutile				Tr	Tr				W					
Spessartine			Tr	Tr	Tr				MW					

What Has Been Observed?													
Final Conc Weight	2.46	00000	g	Size Rar	nge	-1	.2+0.3 r	nm					
Weight Observed	2.46	00000	g										
Magnetic Fractions	vs Siz	e Frac	tion										
mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10					
NotMag			Α	II AII	All								

% 100% 100% 100%

 Technician:
 BJG

 Date Observed:
 04-Oct-07

 Report Printed:
 17/10/2007 11:58:02 AN



Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.: -
 Sample No:
 CKA10

 Overall Sample Assessment
 Negative

 Your Project Code:
 Northern Territory

Ph 61 8 9361 2596		Your Project Code:	Northern Territory
Fx 61 8 9470 1504			
Sample Type (as collected):	Loam	Head Weight	19.92 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Diamond mn	<u>Nu</u> n +2.0		f particle +.8	+.4	ch size f +.3	raction +.25	+.20	+.10	Total partic	les Descriptio	n of these part	icles		
Key Minerals _{mn}	<u>Nun</u> n +2.0	nber of +1.2	particles +.8	s in eac +.4	h size fr +.3	action +.25	+.20	+.10	Wear	Overall Morph. Grou	Total up particles			ased PRIORITY based ogy on morphology and Probe)
Other Minerals	<u>% P</u> o	ercento +1.2	1ge of po +.8	articles i +.4	n each +.3	size fra	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			40	40	15			1	MW					
Amphibole			Tr	Tr	Tr				W					
Epidote			Tr	Tr	Tr				W					
Fe Oxide/Hydroxide			60	30	35				w					
Gahnite				Tr	Tr				W					
llmenite				Tr	Tr				W					
Kyanite				30	50				W					
Spessartine			Tr	Tr	Tr				MW					
Tourmaline				Tr	Tr			-	W					

What Has Beer	ı Observe	d?							Te	chnician:	BJG
Final Conc Weight	4.41	g	Size Ran	ge	-1	.2+0.3	mm		Date (Observed:	05-Oct-07
Weight Observed	4.41	g							Report Printed:	17/10/2007	11:58:23 AN
Magnetic Fraction	s vs Size Fra	ction						Comment about			
mm	+2.0 +1.2	+.8	+.4	+.3	+.25	+.20	+.10	this sample:			
NotMag		A	III AII	All				iiiis suifipie.			

% 100% 100% 100% % %



Our Job No.: 07111 Disc No.:

	Sample	No:	CKA11
Overall Sc	mple Assess	sment	Negative
Your Proied	ct Code:		Northern Territory

Sample Type (as collected): 22.14 kg Loam Head Weight Sample Type (as received): Loam Wet Weight kg Observed Sample Type:

Your

Total **Diamond** particles Description of these particles +.10

Overall No of particles PRIORITY based PRIORITY based on Morphology on morphology only) and Probe) +.10 Wear Morph. Group particles probed only)

Other Minerals	% P m +2.0	ercento +1.2	ige of po +.8	articles i +.4	in each +.3	size fra +.25	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			10	Tr	Tr				MW					
Epidote				Tr	Tr				W					
Fe Oxide/Hydroxide			80	50	40				W					
Gahnite				Tr	Tr				MW					
llmenite				Tr	Tr				W					
Kyanite			10	50	60				W					
Leucoxene			Tr	Tr	Tr				W					
Rutile				Tr	Tr				W					
Spessartine			Tr	Tr	Tr				MW					
Tourmaline			Tr	Tr	Tr				W					
TOTAL	%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight Size Range -1.2+0.3 mm 3.97 g Weight Observed 3.97 g

Date Observed: 05-Oct-07 Report Printed: 17/10/2007 11:58:43 AN

Technician:

BJG

Magnetic Fractions vs Size Fraction

Comment about this sample: mm +2.0 +1.2 +.8 NotMag



Detailed Heavy Mineral Analysis

Our Job No.: 07111

Sample No: CKA12

Sample Assessment Negative

DIATECH	Disc No.: -		- Overall sample Assessment	Negative
Ph 61 8 9361 2596			Your Project Code:	Northern Territory
Fx 61 8 9470 1504			•	
Sample Type (as collected):	Loam		Head Weigh	at 23.92 kg
Sample Type (as received):	Loam		Wet Weigh	t kg
Observed Sample Type:				
Diamond Number of mm +2.0 +1.2	of particles in each size fraction + +.8 +.4 +.3 +.25 +.	Total .20 +.10 particles D	escription of these particles	

Key Minerals _{mm}	Num +2.0	1ber of +1.2	particles +.8	<u>in eacl</u> +.4	1 size fro +.3	+.25	+.20	+.10	Wear	Overall Morph. Grou	Total p particles	No of par probed	on Morph	based PRIORITY base ology on morphology
	_												only)	and Probe)
Other Minerals	<u>% P∈</u>	ercenta	ge of pa +.8	ırticles i	n each	size frac	tion						_	
	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparence	/ Form/Shape
Almandine			30	35	20				MW					
Amphibole			Tr	Tr	Tr				W					
Epidote				Tr	Tr				W					
Fe Oxide/Hydroxide			70	35	50				w					
Gahnite				Tr	Tr				W					
Ilmenite				Tr	Tr				W					
Kyanite			Tr	30	30				W					
Leucoxene				Tr	Tr				w					
Orthopyroxene				Tr					MW	beige	rounded	dull	translucent	elongate
Rutile				Tr	Tr				W					
Spessartine				Tr	Tr				MW					
Tourmaline				Tr	Tr				MW					

What Has Been	Observed	1?						Te	chnician:	BJG
Final Conc Weight	16.420001	g Size	e Range	-1.	2+0.3 r	mm		Date (Observed:	09-Oct-07
Weight Observed	16.420001	g						Report Printed:	17/10/2007	11:59:05 AN
Magnetic Fractions	vs Size Frac	tion					Comment about	•		
mm ·	+2.0 +1.2	+.8 +	+.4 +.3	+.25	+.20	+.10				
NotMag		All	All All				this sample:			

% 100% 100% 100%



Our Job No.: 07111 Disc No.: - Overall Sample Assessment

Your Project Code:

CKA13

Negative

Northern Territory

Technician:

Date Observed:

BJG

09-Oct-07

17/10/2007 11:59:25 AN

Sample Type (as collected):	Loam	Head Weight	21.58 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Diamond	<u>N</u> t	<u>ımber c</u>	of partic	<u>es in ea</u>	<u>ch size</u>	<u>fraction</u>			Total					
m	ım +2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10	partic	les Description	of these par	ticles		
Key Minerals	<u>Nu</u> nm +2.0		particle +.8	es in eac +.4	:h size fi +.3	raction +.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of par probed	ticles PRIORITY I on Morpho only)	based PRIORITY based logy on morphology and Probe)
Other Mineral	. %1	ercent	aae of p	articles	in each	size fra	ction							
	im +2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			Tr	Tr	Tr				MW					
Epidote				Tr	Tr				W					
Fe Oxide/Hydroxide			90	30	40				W					
Gahnite				Tr	Tr				W					

Ilmenite Tr Tr Kyanite 70 60 W Spessartine Tr Tr MWTourmaline W 5 Tr Tr TOTAL % 100% 100% 100%

What Has Been Observed?

Final Conc Weight 2.5200000 g Size Range -1.2+0.3 mm

Weight Observed 2.5200000 g

Report Printed:
Comment about

Comment about this sample:

Magnetic Fractions vs Size Fraction



Our Job No.: 07111 Disc No.:

Sample No: CKA16 Overall Sample Assessment **Negative** Your Project Code: Northern Territory

Technician:

Date Observed:

Report Printed:

BJG

09-Oct-07

17/10/2007 11:59:47 AN

1 X 01 0 747 0 1304			
Sample Type (as collected):	Loam	Head Weight	21.72 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Diamond mn	<u>Nu</u> n +2.0	mber o +1.2	f particle +.8	es in ea +.4		raction +.25	+.20	+.10	Total partic	les Description	of these part	icles		
Key Minerals _{mn}		nber of +1.2	particle +.8		ch size fro +.3	action +.25	+.20	+.10	Wear	Overall Morph. Group	Total			ased PRIORITY based ogy on morphology and Probe)
Other Minerals		ercento +1.2	age of po +.8	articles +.4	in each +.3	size fra +.25	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			50	35	30				MW					
Fe Oxide/Hydroxide			50	40	40				W					
Gahnite				Tr	Tr				MW					
Ilmenite				Tr	Tr				w					
Kyanite				25	30				W					
Spessartine			Tr	Tr	Tr				MW					

What	Has	Reen	Obse	rved?
WILL	HUS	DEEII	CD3E	ı v c u :

Tourmaline

Zircon

TOTAL

Final Conc Weight 5.3199999 g Size Range -1.2+0.3 mm

% 100%

Tr

Tr

Tr

100% 100%

Tr

Tr

Weight Observed 5.3199999 g

W

Comment about this sample:

Magnetic Fractions vs Size Fraction

NotMag



Our Job No.: 07111 Disc No.: - Overall Sample Assessment

Your Project Code:

CKA17

Negative

Northern Territory

Disc No.:

Sample Type (as collected):

Sample Type (as received):

Loam

Wet Weight

kg

Observed Sample Type:

Diamond Number of particles in each size fraction mm +2.0 +1.2 +.8 +.4 +.3 +.25 +.20 +.10 Particles Description of these particles

| Number of particles in each size fraction | +2.0 +1.2 +.8 +.4 +.3 +.25 | +.20 | +.10 | Wear | Morph. Group | Probed | PRIORITY based probed | PRIORITY based on Morphology on morphology on morphology on morphology and Probe)

Other Minerals	% Pe	ercento	age of p	articles i	n each	size fra	<u>ction</u>							
onici winciais	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			50	40	15				MW					
Amphibole			Tr	Tr	Tr				W					
Biotite				Tr	Tr				W					
Epidote					Tr				w					
Fe Oxide/Hydroxide			50	40	50				W					
Gahnite				Tr	Tr				W					
Ilmenite					Tr				W					
Kyanite			Tr	20	35				w					
Rutile					Tr				W					
Spessartine			Tr	Tr	Tr				MW					
Tourmaline				Tr	Tr				w					
TOTAL	%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight 4.1499999 g Size Range -1.2+0.3 mm
Weight Observed 4.1499999 g

Magnetic Fractions vs Size Fraction

 mm
 +2.0
 +1.2
 +.8
 +.4
 +.3
 +.25
 +.20
 +.1

 NotMag
 All
 All

Technician: BJG **Date Observed:** 10-Oct-07

Report Printed: 17/10/2007 12:00:09 PM



Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.: - Overall Sample Assessment

Overall Sample Assessment

Negative

Northern Territory

Ph 61 8 9361 2596		Your Project Code:	Northern Territory
Fx 61 8 9470 1504			
Sample Type (as collected):	Loam	Head Weight	21.14 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Observed 30	πρι		ype.												
Diamond _{mi}	m +:		nber of +1.2	f particle +.8	s in ea +.4	<u>ch size 1</u> +.3	raction +.25	+.20	+.10	Total partic	les Description	n of these par	ticles		
Key Minerals _{mi}	<u>l</u> m +2	<u>Num</u> 2.0	1ber of +1.2	particles +.8	in eac +.4	h size fr +.3	action +.25	+.20	+.10	Wear	Overall Morph. Grou	Total p particles			ased PRIORITY based ogy on morphology and Probe)
Other Minerals	m +2	<u>% P∈</u> 2.0	ercento +1.2	ge of po +.8	ırticles +.4	in each +.3	size fra +.25	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine				75	55	45				MW					
Amphibole				Tr	Tr	Tr				W					
Epidote				5	15	10				W					
Fe Oxide/Hydroxide				10	30	35				w					
Gahnite						Tr				W					
Ilmenite					Tr	Tr				W					
Kyanite				Tr	Tr	10				W					
Rock Fragments				10	Tr	Tr				w					
Zircon						Tr				W					

 What Has Been Observed?

 Final Conc Weight
 3.5300000 g
 Size Range
 -1.2+0.3 mm

 Weight Observed
 3.5300000 g
 The state of the sta

% 100% 100% 100%

Technician: BJG

Date Observed: 10-Oct-07

Report Printed: 17/10/2007 12:00:30 PM



Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.:

Samp	le No:	CKA21
Overall Sample Ass	sessment	Negative
Your Project Code:		Northern Territory

only)

and Probe)

17. 01 0 7 17 0 100 1			
Sample Type (as collected):	Loam	Head Weight	21.74 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Diamond		Nur	mber of p	particle	s in ea	ch size f	raction			Total				
Diamona	mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10	particl	es Description of	of these part	icles	
Key Mineral	S _{mm}	<u>Num</u> +2.0	nber of p +1.2	articles +.8	in eac +.4	h size fro	action +.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	•	PRIORITY based on morphology

Other Mineral	S <u>% P</u> m +2.0	ercento +1.2	age of po +.8	articles i +.4	n each +.3	size fra +.25	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			Tr	Tr	Tr				MW					
Al-Spinel					Tr				MW					
Barite	-			Tr	Tr				W					
Biotite					Tr				w					
Epidote					Tr				MW					
Fe Oxide/Hydroxide			100	100	100				W					
Imenite					Tr				MW					
Kyanite				Tr	Tr				w					
Leucoxene				Tr	Tr				W					
Rutile				Tr	Tr				W					
Spessartine				Tr	Tr				MW					
Tourmaline			Tr	Tr	Tr				MW					
Zircon				Tr	Tr				MW					
TOTAL	%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight 185.78000 g Size Range -1.2+0.3 mm Weight Observed 185.78000 g

Magnetic Fractions vs Size Fraction

mm +2.0 +.4 +.3 +.25 +.20 NM ΑII ΑII ΑII M6/7 Αll Αll Αll M4/5 ΑII ΑII Αll

Technician: JED Date Observed: 09-Oct-07

Report Printed: 17/10/2007 12:00:50 PM



Observed Sample Type:

Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.: -

Samp	le No:	CKA22
Overall Sample Ass	essment _	Negative
Your Project Code:		Northern Territory

24.42 kg

kg

Sample Type (as collected):

Loam

Head Weight

Sample Type (as received):

Loam

Wet Weight

Diamond Number of particles in each size fraction mm +2.0 +1.2 +.8 +.4 +.3 +.25 +.20 +.10 Particles Description of these particles

Key Minerals mm +2.0 +1.2 +.8 +.4 +.3 +.25 +.20 +.10 Wear Morph. Group particles probed on Morphology on morphology and Probe)

Other Mineral	% P m +2.0	ercento +1.2	age of po +.8	articles i +.4	in each +.3	size fra +.25	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			Tr	Tr	Tr				W					
Amphibole					Tr				w					
Biotite					Tr				W					
Fe Oxide/Hydroxide			100	100	100				w					
Kyanite				Tr	Tr				W					
Leucoxene				Tr	Tr				W					
Rutile				Tr	Tr				W					
ourmaline				Tr	Tr				w					
Zircon				Tr	Tr				W					
TOTAL	%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight 65.389999 g Size Range -1.2+0.3 mm
Weight Observed 65.389999 g

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Technician: BJG **Date Observed:** 05-Oct-07

Report Printed: 17/10/2007 12:01:11 PM



Our

Sample No: CKA23

r Job No.: 07111 c No.: -	Overall Sample Assessment	Negative
	Your Project Code:	Northern Territo

Sample Type (as collected):	Loam	Head Weight	22.1 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

003017003	4111	pic i	,,,,,												
Diamond _n	nm	<u>Nui</u> +2.0	mber o +1.2		es in ec +.4	+.3	traction +.25	+.20	+.10	Total partic	es Description	of these part	ticles		
Key Minerals _n	nm	<u>Nun</u> +2.0	nber of +1.2		es in eac +.4	ch size fr +.3	action +.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of part		ased PRIORITY based gy on morphology and Probe)
Other Mineral	S	<u>% Po</u> +2.0	ercento +1.2	age of p	articles +.4	in each +.3	size fra +.25	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine						Tr				W					
Fe Oxide/Hydroxide				100	100	100				W					
Ilmenite						Tr				W					
TOTAL		%	%	5 100%	100%	% 100%	%	%	%						

What	Has	Been	Obser	ved?

Final Conc Weight 71.43 g Size Range -1.2+0.3 mm Weight Observed 71.43 g

Magnetic Fractions vs Size Fraction

magnene machen								
mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Technician:

Date Observed: 05-Oct-07

Report Printed:

17/10/2007 12:01:32 PM

BJG



Diamond

Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.:

Sample No: CKA24 Overall Sample Assessment **Negative** Your Project Code: Northern Territory

Technician:

BJG

10-Oct-07

17/10/2007 12:01:54 PM

1 / 0 1 0 / 1/0 100 1			
Sample Type (as collected):	Loam	Head Weight	23.46 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Total

particles Description of these particles +.10

No of particles PRIORITY based PRIORITY based on Morphology on morphology only) and Probe) +.10 Wear Morph. Group particles probed only)

Other Mineral	\$ <u>% Po</u>	ercento +1.2	age of p +.8	articles +.4	in each +.3	size fra +.25	<u>ction</u> +.20	+.10	Wea	r Colour	Angularity	Lustre	Transparency	/ Form/Shape
Almandine				Tr	Tr				W					
Fe Oxide/Hydroxide			100	100	100				W					
Kyanite				Tr	Tr				W					
Rutile					Tr				w					
Staurolite				Tr	Tr				MW	orange-brown	subrounded	glassy	transparent	black inclusions
Tourmaline				Tr	Tr				W					
TOTAL	%	%	5 100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight 47.229999 g Size Range -1.2+0.3 mm

Weight Observed 47.229999 g

Date Observed: Report Printed:

Magnetic Fractions vs Size Fraction

magnene machen								
mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			



Our Job No.: 07111

Sc	ample No:	: CKA26
Overall Samp	le Assessmen	Negative
Your Project C	ode:	Northern Territory

Disc No.:

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

Total **Diamond** particles Description of these particles +.10

Key Minerals Number of particles in each size fraction +2.0 +1.2 +.8 +.4 +.3 +.25 Overall No of particles PRIORITY based PRIORITY based on Morphology on morphology only) and Probe) +.10 Wear Morph. Group particles probed only)

Tr 100	Tr Tr 100	Tr Tr Tr 100 Tr			W W					
100	100	Tr 100 Tr			W					
100		100 Tr			w					
100		Tr								
	Tr				MW					
	Tr	Tr								
					W					
Tr	Tr	Tr			MW					
	Tr	Tr			w					
	Tr	Tr			ww					
	Tr	Tr			W					
Tr	Tr	Tr			MW					
	Tr	Tr			MW					
	Tr	Tr			MW					
	Tr % 100%	Tr Tr Tr Tr	Tr Tr Tr Tr Tr Tr Tr Tr	Tr Tr Tr Tr Tr Tr Tr Tr Tr Tr	Tr Tr Tr Tr Tr Tr Tr Tr	Tr Tr WW Tr Tr Tr MW Tr Tr Tr MW Tr Tr Tr MW	Tr Tr WW Tr Tr WW Tr Tr Tr MW Tr Tr Tr MW Tr Tr MW	Tr Tr WW Tr Tr W Tr Tr MW Tr Tr MW Tr Tr MW	Tr Tr WW Tr Tr Tr MW Tr Tr Tr MW Tr Tr Tr MW	Tr Tr WW Tr Tr Tr MW Tr Tr Tr MW Tr Tr Tr MW

What Has Been Observed?

Final Conc Weight 40.720000 g Size Range -1.2+0.3 mm Weight Observed 40.720000 g

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Technician: JED Date Observed: 10-Sep-07

Report Printed: 17/10/2007 12:02:14 PM



Our Job No.: 07111 Disc No.:

Sample No: CKA27 Overall Sample Assessment **Negative** Your Project Code: Northern Territory

Sample Type (as collected):	Loam	Head Weight	19.94 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Diamond mm		mber o +1.2	f particle +.8	es in ea +.4	<u>ch size f</u> +.3	raction +.25	+.20	+.10	Total partic	es Description	of these part	ticles		
Key Minerals			particles +.8	s in eac +.4	:h size fr +.3	action +.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of parti probed	cles PRIORITY on Morpho only)	based PRIORITY based logy on morphology and Probe)
Other Minerals % Percentage of particles in each size fraction														
Barite				Tr	Tr				W					
Fe Oxide/Hydroxide			100	100	100				W					
Ilmenite				Tr	Tr			ĺ	MW					

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

What Has Been Observed?

Final Conc Weight 97.489997 g Size Range -1.2+0.3 mm

Weight Observed 97.489997 g

Magnetic Fractions vs Size Fraction

mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10
NM			All	All	All			
M6/7			All	All	All			
M4/5			All	All	All			

Technician: Date Observed: 11-Oct-07

JED

Report Printed: 17/10/2007 12:02:34 PM



Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.: -

CKA28	Sample No:	
Negative	ample Assessment	Overall Sc
Ni antia anna Tannita na	-10-1-	V D ! -

Ph 61 8 9361 2596		Your Project Code:	Northern Territory
Fx 61 8 9470 1504			
Sample Type (as collected):	Loam	Head Weight	20.8 kg
Sample Type (as received):	Loam	Wet Weight	kg
Observed Sample Type:			

Diamond _{mm}	+2.0	+1.2	particle +.8	+.4	+.3		+.20	+.10	partic	les Description	of these part	icles		
Key Minerals _{mm}	<u>Num</u> +2.0	ber of +1.2	particles +.8	in eac +.4	h size fr +.3	action +.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of par probed		ased PRIORITY based ogy on morphology and Probe)
Other Minerals	<u>% Pe</u> +2.0	rcenta +1.2	ge of po +.8	ırticles i +.4	n each +.3	size frac	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine			Tr	Tr	5				MW					
Amphibole				Tr	5				MW					
Biotite					Tr				W					
Epidote				Tr	Tr				MW					
Fe Oxide/Hydroxide			100	100	85				W					
Gahnite					Tr				MW					
Ilmenite				Tr	5				W					
Kyanite				Tr	Tr				MW					
Leucoxene				Tr	Tr				W					
Rutile				Tr	Tr				W					
Spessartine			Tr	Tr	Tr				MW					
Tourmaline			Tr	Tr	Tr				ww					
Zircon					Tr				W					

What Has Been Observed?													
Final Conc Weight	17.040000	g	Size Range)	-1.2+0.3	mm							
Weight Observed	17.040000	g											
Magnetic Fractions vs Size Fraction													

% % 100% 100% 100%

Report Printed: 17/10/2007 12:02:56 PM Comment about

Technician:

Date Observed:

JED

08-Oct-07

 mm
 +2.0
 +1.2
 +.8
 +.4
 +.3
 +.25
 +.20
 +.10
 Comment of this sample:



Our Job No.: 07111 Disc No.: -

% 100% 100% 100%

TOTAL

Sample	e No:	CKA29
Overall Sample Asse	essment	Negative
Your Project Code:		Northern Territory

20.92 kg

11101070012070		Tour Froject Code.	110111
Fx 61 8 9470 1504			
Sample Type (as collected):	Loam	Head Weight	
Sample Type (as received):	Loam	Wet Weight	

Observed Sample Type: Total Diamond +.10 particles Description of these particles Overall No of particles PRIORITY based PRIORITY based +.10 Wear Morph. Group particles probed on Morphology on morphology and Probe) only) Other Minerals $\frac{\%}{mm}$ Percentage of particles in each size fraction +2.0 +1.2 +.8 +.4 +.3 +.25 +.20Wear Colour Angularity Lustre Transparency Form/Shape Almandine Tr Tr MW Al-Spinel Tr MW Amphibole Tr MWAnatase W Tr Barite W Tr Biotite W Tr Fe Oxide/Hydroxide 100 100 100 W Gahnite Tr MW Ilmenite Tr W Tr Kyanite Tr Tr MW Leucoxene Tr MW W Muscovite Tr Tr Rutile MW Tr Tr Spessartine MW Tr Tr Tr Tourmaline Tr Tr W 7ircon Tr MW Tr

%



Our Job No.: 07111 Disc No.: -

Sample No:	CKA29
Overall Sample Assessment	Negative
Your Project Code:	Northern Territory

What Has Been Observed?

Final Conc Weight 32.2 g Size Range -1.2+0.3 mm
Weight Observed 32.2 g

Technician:

Date Observed: 10-Oct-07

JED

Report Printed: 17/10/2007 12:03:17 PM

Magnetic Fractions vs Size Fraction

3												
mm	+2.0	+1.2	+.8	+.4	+.3	+.25	+.20	+.10				
NM			All	All	All							
M6/7			All	All	All							
M4/5			All	All	All							



Observed Sample Type:

Detailed Heavy Mineral Analysis

Our Job No.: 07111 Disc No.:

Sample No: CKA30 Overall Sample Assessment **Negative** Your Project Code: Northern Territory

Technician:

Date Observed:

Report Printed:

kg

JED

09-Oct-07

17/10/2007 12:03:37 PM

Fx 61 8 9470 1504 21.84 kg Sample Type (as collected): Loam Head Weight Sample Type (as received): Loam Wet Weight

Total **Diamond** particles Description of these particles +.10

Key Minerals $\frac{\text{Number of particles in each size fraction}}{\text{+2.0}}$ $\frac{\text{+1.2}}{\text{+1.2}}$ $\frac{\text{+.8}}{\text{+.8}}$ $\frac{\text{+.4}}{\text{+.4}}$ $\frac{\text{+.3}}{\text{+.3}}$ $\frac{\text{+.25}}{\text{+.25}}$ No of particles PRIORITY based PRIORITY based on Morphology on morphology only) and Probe) +.10 Wear Morph. Group particles probed +.20 only)

Other Minerals	<u>% Po</u> m +2.0	<u>ercento</u> +1.2	age of po +.8	articles i +.4	<u>n each</u> +.3	+.25	<u>ction</u> +.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine				Tr	Tr				MW					
Fe Oxide/Hydroxide			100	100	100				w					
Kyanite				Tr	Tr				MW					
Leucoxene					Tr				w					
Phosphate					Tr				ww					
Rutile				Tr	Tr				MW					
Tourmaline			Tr	Tr	Tr				W					
Zircon				Tr	Tr				w					
TOTAL	%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight 47.469999 g

ΑII

Αll

ΑII

Weight Observed 47.469999 g

NM

M6/7

M4/5

mm +2.0

Magnetic Fractions vs Size Fraction

Size Range	-1.2+0.3 mm	

+.25

+.20

+.3

ΑII

ΑII

ΑII

Αll

Αll

ΑII

this sample:

Comment about