



DIATECH  
Ph 61 9 361 2596  
Fx 61 9 470 1504

File: 96-082.doc

# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332887

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
29.68 kgs  
487.3 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE			Tr		Golden yellow, tabular, subtranslucent, beige, opaque.
APATITE					
BARITE					
CALCITE					
CASSITERITE	Tr	Tr			Yellow/brown, frosted, blocky, subtranslucent. Rare.
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	45%	10%		Brown, red-brown, well rounded, angular fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE	Tr	Tr			Greyish-black, black, specular, micaceous.
ILMENITE	Tr	55%	90%		Silvery-black, tabular, rounded to blocky.
KYANITE					
LEUCOXENE		Tr	Tr		Grey, brown, beige, opaque, rounded.
MAGNETITE					
MICA					
MN OXIDE	Tr	Tr	Tr		Grey-black, blocky, angular, dull.
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE	Tr	Tr	Tr		Black-brown, brown, rounded, subhedral.
XENOTIME					
ZIRCON			Tr		Honey brown, colourless, rounded, translucent.
ROCK FRAGMENTS					
<b>COMMENTS:</b> -0.4 + 0.25mm, 1/8 split observed.					
				Observed by:	J.D.
				Date:	Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332888**

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
23.48 kgs  
689.6 grams  
-2.0+0.25 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE		Tr	Tr		Beige, golden yellow, opaque, tabular.
APATITE					
BARITE					
CALCITE					
CASSITERITE		Tr			Yellow/orange, blocky, opaque. Rare.
CORUNDUM					
EPIDOTE			Tr		Moss green, translucent, lath. Rare.
FE OXIDE/HYDROXIDE	100%	60%	10%		Brown, red-brown, rounded, earthy, angular fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE	Tr				Grey-black, earthy, micaceous.
ILMENITE	Tr	40%	90%		Silvery-black, blocky to rounded, grooved.
KYANITE					
LEUCOXENE		Tr	Tr		Brown, beige, rounded, angular, opaque.
MAGNETITE					
MICA					
MN OXIDE		Tr	Tr		Dull, grey-black, rounded, angular.
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE	Tr				Black, opaque, blocky.
SPHENE					
SPINEL					
STAUROLITE			Tr		Orange-brown, rounded, frosted. Rare.
SULPHIDES					
TOURMALINE		Tr	Tr		Brown, rounded, blocky.
XENOTIME					
ZIRCON			Tr		Colourless, rounded, translucent.
ROCK FRAGMENTS					
<b>COMMENTS:</b>	-0.4 + 0.25mm, 1/16 split observed.				Observed by: J.D. Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332889

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
25.74 kgs  
95.4 grams  
-2.0+0.25 mm

KEY MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE			Tr		Grey-blue, cream, subtranslucent, opaque, subhedral.
APATITE					
BARITE					
CALCITE					
CASSITERITE		Tr			Yellow-grey, blocky, frosted, opaque. Rare.
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	70%	30%		Brown, red-brown, tan, well rounded, angular fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE	Tr	30%	70%		Silvery-black, tabular, blocky to rounded, grooved.
KYANITE					
LEUCOXENE			Tr		Beige, brown, blue-grey, opaque, rounded.
MAGNETITE					
MICA		Tr			Beige, opaque, thin flakes. Rare.
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE			Tr		Orange, rounded with black inclusions, frosted.
SULPHIDES					
TOURMALINE	Tr	Tr	Tr		Black, brown, blocky, rounded, subhedral.
XENOTIME					
ZIRCON			Tr		Colourless, orange, rounded.
ROCK FRAGMENTS					
COMMENTS:					Observed by: J.D. Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332890

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
22.64 kgs  
62.5 grams  
-2.0+0.25 mm

KEY MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

% % %

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE			Tr		Rare, palest blue, worn subhedra.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	80%	10%		Dull, red-brown, yellow-brown fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE	Tr	20%	90%		Dull, silvery-black subhedra.
KYANITE			Tr		Rare, colourless, bladed, worn
LEUCOXENE					
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE	Tr	Tr	Tr		Well rounded, black-brown grains.
XENOTIME					
ZIRCON			Tr		Well rounded, colourless, some Fe-stained.
ROCK FRAGMENTS					

COMMENTS: -0.4 + 0.25mm, ½ split observed.

Observed by: L.F.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332891

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
21.34 kgs  
2.4 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

AMPHIBOLE					
ANATASE					
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	80%	5%		Dull, red-brown, predominantly yellow-brown.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		20%	50%		Dull, silvery-black subhedra.
KYANITE					
LEUCOXENE		Tr	45%		Beige, cream, mid-brown, polished, porcelain-like, after ilmenite.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		Tr	Tr		Well rounded, black-brown grains.
XENOTIME					
ZIRCON			Tr		Rare, colourless, well rounded.
ROCK FRAGMENTS					

### COMMENTS:

Observed by: L.F.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332892

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
24.46 kgs  
1.9 grams  
-2.0+0.25 mm

KEY MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE					
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE			Tr		
FE OXIDE/HYDROXIDE	100%	30%	5%		Yellow-brown, platy, polished fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		70%	75%		Dull, silvery-black subhedra, some leucoxenised.
KYANITE			Tr		1 + 0.25mm, moderately worn, colourless, bladed.
LEUCOXENE			20%		After ilmenite, beige, cream, blue-grey.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES			Tr		Rare, red-brown, resinous.
PREHNITE					
PYROXENE					
RUTILE			Tr		Rare, orange-red, worn.
SPHENE					
SPINEL			Tr		Al-spinel, palest pink, frosted, worn.
STAUROLITE					
SULPHIDES					
TOURMALINE		Tr	Tr		Well rounded, black-brown grains.
XENOTIME					
ZIRCON			Tr		Rare, colourless, red-brown, well rounded.
ROCK FRAGMENTS					
COMMENTS:					Observed by: L.F. Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332893

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -1.2+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
20.60 kgs  
17.4 grams  
-1.2+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE			Tr		Pale blue, grey-blue, worn, tabular.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	90%	20%		Dull, red-brown, yellow-brown.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		2%	25%		Silvery-black, worn subhedra.
KYANITE					
LEUCOXENE		Tr	10%		Beige, cream, after ilmenite.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		8%	45%		Well rounded, black-brown grains, dull, frosted.
XENOTIME					
ZIRCON			Tr		Colourless, worn, Fe-stained.
ROCK FRAGMENTS					
COMMENTS:					Observed by: L.F. Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332894

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
22.53 kgs  
16.8 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE			Tr		Rare, creamy-grey, tabular subhedra, worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE			Tr		
FE OXIDE/HYDROXIDE	100%	85%	10%		Dull, red-brown, yellow-brown, some pisolitic.
GARNET			Tr		1 + 0.25mm, almandine, palest pink, worn.
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		5%	10%		Dull, silvery-black, broken, moderately worn subhedra.
KYANITE					
LEUCOXENE		Tr	Tr		Cream, beige, polished, porcelain-like, after ilmenite.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE		Tr			1 + 0.4mm, worn, blocky, orange-brown.
SULPHIDES					
TOURMALINE	Tr	10%	80%		Well rounded, black-brown grains.
XENOTIME					
ZIRCON			Tr		Well rounded, colourless, worn, rare.
ROCK FRAGMENTS					
COMMENTS:					Observed by: L.F. Date: Oct. 1996.





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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332895

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
22.12 kgs  
117.7 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE			Tr		Rare, pale blue-grey, worn subhedra, tabular.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE		Tr	Tr		Rare, moderately fresh, pistachio green.
FE OXIDE/HYDROXIDE	100%	95%	50%		Red-brown pisolites, rare cubic pseudomorph after pyrite.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		Tr	15%		Dull silvery-black, worn to moderately worn subhedra.
KYANITE					
LEUCOXENE			Tr		Beige, grey, after ilmenite, polished, rounded.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE		Tr	Tr		Red-orange, resinous, rounded.
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE	Tr	5%	35%		Black-brown, near spherical grains.
XENOTIME					
ZIRCON			Tr		Colourless, some orange, Fe-stained, near spherical.
ROCK FRAGMENTS					
COMMENTS:					Observed by: L.F. Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332896

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE\*

STREAMSED  
23.89 kgs  
34.0 grams  
-2.0+0.25 mm

KEY MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE			Tr		Blue-grey, subtranslucent, sub/anhedral.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE		Tr			Moss green, translucent, blocky.
FE OXIDE/HYDROXIDE	100%	55%	30%		Brown, red-brown, tan, rounded, angular, earthy fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE	Tr	15%	30%		Silvery-black, tabular, blocky to rounded, grooved (*Trace of Mg).
KYANITE					
LEUCOXENE		Tr	5%		Beige, brown, cream, rounded, opaque.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES		Tr	Tr		Red-brown, brown, creamy orange, resinous, rounded.
PREHNITE					
PYROXENE					
RUTILE			Tr		Cherry red, black, opaque, sub/anhedral.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE	Tr	30%	35%		Black, brown, green, rounded, subhedral.
XENOTIME					
ZIRCON		Tr	Tr		Brown, colourless, Fe-stained, rounded, translucent, opaque.
ROCK FRAGMENTS					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

COMMENTS: -0.4 + 0.25mm, 1/8 split observed.

Observed by: J.D.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332897

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
23.42 kgs  
269.3 grams  
-2.0+0.25 mm

KEY MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE			Tr		Beige, yellow, subtranslucent, subhedral, moderately worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	99%	84%	30%		Yellow-brown, brown, dull, blocky, rounded.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE	1%	15%	65%		Silvery-black, sub/anhedral, subangular, blocky, rounded, moderately worn.
KYANITE					
LEUCOXENE					
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES			Tr		Pale brown, resinous, opaque, anhedral, worn.
PREHNITE					
PYROXENE					
RUTILE			Tr		Cherry red, subtranslucent, anhedral, rounded.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		1%	5%		Brown-black, black, anhedral, rounded.
XENOTIME					
ZIRCON			Tr		Colourless, transparent, sub/anhedral, blocky, moderately worn to worn.
ROCK FRAGMENTS					

**COMMENTS:** -2.0 + 0.4mm, fully observed.  
+ 0.25mm, ½ split observed.

Observed S.M.  
by: Oct. 1996.  
Date:



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# HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332898**

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
20.43 kgs  
40.5 grams  
-2.0+0.25 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

% % %

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE					
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	92%	60%		Brown, red-brown, tan, rounded, earthy fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		3%	15%		Silvery-black, blocky, angular.
KYANITE					
LEUCOXENE			Tr		Brown, cream, opaque, angular, after ilmenite.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		5%	25%		Brown, black-brown, translucent, opaque, well rounded, rare subhedral.
XENOTIME					
ZIRCON			Tr		Orange, colourless, well rounded.
ANDALUSITE			Tr		Pale flesh pink, blocky, some black inclusions. Rare.
ROCK FRAGMENTS					

## COMMENTS:

Observed by: J.D.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332899

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## POSS KIMB

STREAMSED  
16.26 kgs  
364.2 grams  
-2.0+0.20 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.20	<b>BRIEF DESCRIPTION</b>
DIAMOND				
PYROPE				
CHROMITE/CR SPINEL			Tr	1 + 0.25mm, 2+0.20, dull black, well rounded, finely pitted.
CHROME DIOPSIDE				
PICROILMENITE				
PHLOGOPITE				
OTHER				

% % %

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.20	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE				
ANATASE				
APATITE				
BARITE	Tr	Tr	Tr	Colourless, white, tabular, etched, frosted, elongate.
CALCITE				
CASSITERITE				
CORUNDUM				
EPIDOTE				
FE OXIDE/HYDROXIDE	100%	99%	75%	Brown, red-brown, rounded, angular, some pseudomorph after pyrite.
GARNET				
GOLD				
GORCEIXITE				
HAEMATITE				
ILMENITE		1%	15%	Silvery-black, blocky, tabular, angular, grooved.
KYANITE			Tr	Colourless, tabular.
LEUCOXENE			Tr	Brown, cream, blocky, angular, after ilmenite.
MAGNETITE				
MICA				
MN OXIDE				
MONAZITE				
PHOSPHATES				
PREHNITE				
PYROXENE				
RUTILE			Tr	Cherry red, orange-red, sub/anhedral.
SPHENE				
SPINEL				
STAUROLITE				
SULPHIDES				
TOURMALINE		Tr	10%	Black, brown, blue, well rounded, transparent to opaque.
XENOTIME				
ZIRCON			Tr	Honey brown, pale peach, rounded.
ROCK FRAGMENTS				

### COMMENTS:

Observed by: J.D.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332900

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
23.52 kgs  
31.0 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

% % %

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE			Tr		Rare, grey, grey-blue, tabular, worn subhedra.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	70%	10%		Dull, red-brown, earthy.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE	Tr	15%	25%		Dull, silvery-black, steely-grey, worn subhedra.
KYANITE					
LEUCOXENE		Tr	5%		After ilmenite, beige, cream, grey-green, worn.
MAGNETITE					
MICA			Tr		Muscovite, white.
MN OXIDE					
MONAZITE			Tr		Red-orange, well rounded, resinous.
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES			Tr		1 + 0.25mm, chalcopryrite, tarnished, iridescent colours.
TOURMALINE		15%	60%		Well rounded, black-brown grains.
XENOTIME					
ZIRCON			Tr		Colourless, Fe-stained, well rounded.
ROCK FRAGMENTS					

## COMMENTS:

Observed L.F.  
by: Oct. 1996.  
Date:



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332901

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## POSITIVE

STREAMSED  
21.16 kgs  
40.2 grams  
-2.0+0.20 mm

KEY MINERALS	% +0.8	% +0.4	% +0.20	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL			Tr	1+0.25mm, 9+0.20mm, rounded, anhedral, friable, granular, dull	
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	% +0.8	% +0.4	% +0.20	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE					
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM			Tr	Rare, colourless, bluish, worn, anhedral.	
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	98%	20%	Dull, yellow-brown, red-brown fragments.	
GARNET			Tr	1 + 0.25mm, very pale pink, worn, anhedral, blocky fragment.	
GOLD					
GORCEIXITE					
HAEMATITE	Tr	Tr		Platy, silvery-grey.	
ILMENITE		2%	35%	Dull, silvery-black, subhedra, moderately worn, some low Mg.	
KYANITE					
LEUCOXENE		Tr	5%	After ilmenite, grey-green, beige, brown, worn.	
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE			Tr	Rare, red-orange, well rounded, resinous.	
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE			Tr	Rare, cherry red, well worn.	
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE	Tr	Tr	40%	Well rounded, near spherical, black-brown grains.	
XENOTIME					
ZIRCON			Tr	Rare, colourless, vitreous, well rounded, some reddish-brown.	
ROCK FRAGMENTS					

## COMMENTS:

Observed by: L.F.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332902

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
18.16 kgs  
4665.2 grams  
-1.2+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

% % %

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE			Tr		Palest blue-grey, worn, tabular subhedra.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE		100%	60%		
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		Tr	40%		Dull, silvery-black subhedra.
KYANITE					
LEUCOXENE		Tr	Tr		Beige, cream, after ilmenite.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE			Tr		Well rounded, red-orange, resinous grains.
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE	Tr	Tr	Tr		Cherry red, worn.
SPHENE					
SPINEL					
STAUROLITE		Tr			
SULPHIDES					
TOURMALINE		Tr	Tr		Well rounded, black-brown grains.
XENOTIME					
ZIRCON		Tr	Tr		Well rounded, colourless, usually Fe-stained.
ROCK FRAGMENTS					

## COMMENTS:

Observed L.F.  
by: Oct. 1996.  
Date:





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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332903

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## PROB KIMB

STREAMSED  
23.32 kgs  
75.1 grams  
-2.0+0.20 mm

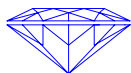
KEY MINERALS	% +0.8	% +0.4	% +0.20	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL			Tr		1 + 0.25mm, 12 + 0.20mm, silvery-black, broken, rounded, subhedral, frosted appearances.
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	% +0.8	% +0.4	% +0.20	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE			Tr		blue-grey, creamy yellow, opaque, subhedral.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM			Tr		Colourless/blue, colourless, tabular, black and red inclusions. Rare.
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	85%	35%		Brown, red-brown, mustard yellow, rounded, angular, earthy flakes.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		5%	30%		Silvery-black, tabular, blocky.
KYANITE					
LEUCOXENE		Tr	5%		Beige, brown, blue-grey, grey, blocky, after ilmenite.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES			Tr		Creamy yellow, orange, resinous, rounded.
PREHNITE					
PYROXENE					
RUTILE			Tr		Cherry red, black-red, opaque, rounded.
SPHENE					
SPINEL					
STAUROLITE		Tr	Tr		Orange-brown, blocky, frosted.
SULPHIDES					
TOURMALINE		10%	30%		Brown, black, red-brown, blue, well rounded, rare subhedral.
XENOTIME					
ZIRCON			Tr		Honey brown, colourless, sub/anhedral.
ROCK FRAGMENTS					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

### COMMENTS:

Observed by: J.D.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332904

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

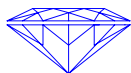
STREAMSED  
17.76 kgs  
171.3 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL			Tr		1 + 0.25mm, dull black, well rounded.
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE			Tr		Silvery-grey, opaque, rounded.
APATITE					
BARITE		Tr	Tr		White, frosted, layered, rounded, granular.
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	90%	65%		Brown, red-brown, rounded, earthy fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		5%	10%		Silvery-black, dull matt black, tabular, blocky, angular, grooved.
KYANITE					
LEUCOXENE		Tr	15%		Beige, cream, brown, angular, blocky, after ilmenite.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES			Tr		Orange-brown, pale creamy orange, resinous, rounded.
PREHNITE					
PYROXENE					
RUTILE			Tr		Black-red, elongate, opaque, striate.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		5%	10%		Black-brown, brown, well rounded, rare, subhedral.
XENOTIME					
ZIRCON			Tr		Red-brown, subtranslucent, rounded.
ROCK FRAGMENTS					

## COMMENTS:

Observed by: J.D.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332905

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## POSS KIMB

STREAMSED  
17.42 kgs  
1982.2 grams  
-1.2+0.20 mm

KEY MINERALS	% +0.8	% +0.4	% +0.20	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL			Tr	2 + 0.25mm	well rounded, matt black sheen. Poss kimb
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	% +0.8	% +0.4	% +0.20	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE			Tr		
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE			Tr		Yellow-green.
FE OXIDE/HYDROXIDE	100%	100%	100%		Dull, reddish-brown, earthy fragments.
GARNET			Tr		1 + 0.25mm, very pale pink, worn, anhedral fragment.
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		Tr	Tr		Dull, silvery-black, moderately worn subhedra.
KYANITE					
LEUCOXENE		Tr	Tr		After ilmenite, cream, beige, grey-green.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE			Tr		Well rounded, resinous, opaque.
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE			Tr		Cherry red, well rounded, rare.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES		Tr			Rare, chalcopryrite, tarnished.
TOURMALINE	Tr	Tr	Tr		Well rounded, black-brown.
XENOTIME					
ZIRCON			Tr		Rare, Fe-stained, colourless, well rounded.
ROCK FRAGMENTS					

### COMMENTS:

Observed by: L.F.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332906

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## POSS KIMB

STREAMSED  
21.88 kgs  
143.2 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL			Tr		1 + 0.25mm, rounded, very finely pitted.
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE		Tr	Tr		Golden yellow, beige, pearl grey, rounded, tabular, opaque.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	95%	55%		Brown, red-brown, mustard yellow, rounded, angular, earthy fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE	Tr	2%	20%		Dull black, silvery-black, tabular, blocky, angular.
KYANITE					
LEUCOXENE		1%	5%		Brown, beige, blue-grey, blocky after ilmenite.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES			Tr		Orange-brown, creamy orange, resinous, rounded.
PREHNITE					
PYROXENE					
RUTILE		Tr	Tr		Red-black, cherry red, subhedral, striate, opaque.
SPHENE					
SPINEL					
STAUROLITE			Tr		Orange, angular, slight frosting.
SULPHIDES					
TOURMALINE	Tr	2%	20%		Black-brown, brown, blue, well rounded, rare, subhedral.
XENOTIME					
ZIRCON		Tr	Tr		Brown, colourless, pale orange, rounded, subhedral.
ROCK FRAGMENTS					

### COMMENTS:

Observed by: J.D.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332907

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## POSS KIMB

STREAMSED  
15.59 kgs  
208.6 grams  
-2.0+0.20 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.20	<b>BRIEF DESCRIPTION</b>
DIAMOND				
PYROPE				
CHROMITE/CR SPINEL			Tr	2 + 0.25mm, 5 + 0.20mm, silvery-black, rounded.
CHROME DIOPSIDE				
PICROILMENITE				
PHLOGOPITE				
OTHER				

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.20	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE				
ANATASE			Tr	Silvery-blue, opaque, rounded.
APATITE				
BARITE			Tr	White, tabular, frosted, etched.
CALCITE				
CASSITERITE				
CORUNDUM				
EPIDOTE				
FE OXIDE/HYDROXIDE	100%	99%	70%	Brown, red-brown, mustard yellow, founded, angular, earthy fragments.
GARNET				
GOLD				
GORCEIXITE				
HAEMATITE				
ILMENITE		1%	5%	Silvery-black, tabular, blocky to rounded.
KYANITE				
LEUCOXENE		Tr	Tr	Brown, beige, blue-grey, angular, after ilmenite.
MAGNETITE				
MICA				
MN OXIDE				
MONAZITE				
PHOSPHATES				
PREHNITE				
PYROXENE				
RUTILE				
SPHENE				
SPINEL				
STAUROLITE				
SULPHIDES				
TOURMALINE	Tr	Tr	25%	Black-brown, pale brown, greenish.
XENOTIME				
ZIRCON			Tr	Red-brown, pale orange-brown, translucent, rounded, subhedral.
ROCK FRAGMENTS				

### COMMENTS:

Observed by: J.D.  
Date: Oct. 1996



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# HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332908**

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
17.75 kgs  
216.1 grams  
-2.0+0.25 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

% % %

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE					
APATITE					
BARITE			Tr		Colourless, rounded, granular, opaque.
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	100%	85%		Brown, red-brown, rounded, angular, earthy fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE	Tr	Tr			Grey-black, micaceous, blocky.
ILMENITE		Tr	5%		Silvery-black, tabular, blocky, angular.
KYANITE					
LEUCOXENE			Tr		Brown, beige, angular, after ilmenite.
MAGNETITE					
MICA					
MN OXIDE		Tr	Tr		Dull, grey, black, angular.
MONAZITE					
PHOSPHATES			Tr		Pale, pinkish-brown, resinous, rounded.
PREHNITE					
PYROXENE					
RUTILE		Tr	Tr		Orange-red, red-black, black, opaque, rounded, subhedral.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		Tr	10%		Black, brown, well rounded.
XENOTIME					
ZIRCON		Tr	Tr		Colourless, Fe-stained, orange-red, rounded, subhedral.
ROCK FRAGMENTS					

## COMMENTS:

Observed by: J.D.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332909

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
21.53 kgs  
380.2 grams  
-2.0+0.25 mm

KEY MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

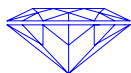
% % %

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE			Tr		Steel blue, subtranslucent, subhedral, blocky, moderately worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE			Tr		Yellow-green, translucent, anhedral, blocky, moderately worn.
FE OXIDE/HYDROXIDE	100%	99%	92%		Yellow-brown, brown, blocky, rounded, worn.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		Tr	1%		Silvery-black, sub/anhedral, rounded, blocky, tabular, moderately worn.
KYANITE					
LEUCOXENE		Tr	2%		Creamy, greyish, dull to sub-porcelain-like surface, blocky, worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE			Tr		Reddish-black, subtranslucent, anhedral, blocky, worn.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES			Tr		Dull, brassy yellow.
TOURMALINE		1%	5%		Brown-black, anhedral, blocky, worn to well rounded.
XENOTIME					
ZIRCON			Tr		Colourless, pale pink, transparent, blocky, rounded.
ROCK FRAGMENTS					

COMMENTS: -1.2 + 0.25mm, Conc has been MAG separated.

Observed S.M.  
by: Oct. 1996.  
Date:



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332910

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
17.42 kgs  
467.9 grams  
-2.0+0.25 mm

KEY MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE			Tr		Blue, creamy beige, translucent, opaque, sub/anhedral, moderately worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	96%	73%		Yellow, reddish-brown, dull, tabular, blocky, rounded.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		3%	20%		Silvery-black, black, sub/anhedral, tabular, blocky, worn.
KYANITE					
LEUCOXENE			5%		Creamy, brown, greyish, dull to porcelain-like surfaces, moderately worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES			Tr		Orange, pinkish-orange, resinous, opaque, anhedral, rounded.
PREHNITE					
PYROXENE					
RUTILE			Tr		Orange-red, cherry red, subtranslucent, anhedral, tabular, rounded.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		1%	2%		Brown-black, anhedral, well rounded.
XENOTIME					
ZIRCON			Tr		Colourless, beige, transparent, anhedral, rounded.
ROCK FRAGMENTS					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

## COMMENTS:

Observed by: S.M.  
Date: Oct. 1996.





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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332911

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
15.66 kgs  
415.9 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE			Tr		Rare, yellow, subtranslucent, sub/anhedral, blocky, moderately worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM			Tr		Rare, pale blue, transparent, subhedral, tabular, slightly to moderately worn.
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	100%	100%		Brown, subangular, blocky, moderately worn.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		Tr	Tr		Black, sub/anhedral, tabular, some leucoxene coating.
KYANITE					
LEUCOXENE			Tr		Creamy, brown, anhedral, tabular, blocky, worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE			Tr		Dark cherry red, subtranslucent, anhedral, blocky, worn.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		Tr	Tr		Brown-black, anhedral, rounded.
XENOTIME					
ZIRCON					
ROCK FRAGMENTS					

## COMMENTS:

Observed S.M.  
by: Oct. 1996.  
Date:



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# HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332912**

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
25.38 kgs  
205.7 grams  
-2.0+0.25 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE		45%	55%		Beige, opaque, sub/anhedral.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	90%	35%	5%		Brown, red-brown, rounded, earthy fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE	Tr	15%	40%		Silvery-black, tabular, blocky, angular, grooved.
KYANITE					
LEUCOXENE			Tr		Cream, beige, green, rounded, angular.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE		Tr			Black, cherry red, opaque, elongate, rounded.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		5%	Tr		Brown, black-brown, well rounded.
XENOTIME					
ZIRCON			Tr		Honey brown, colourless, translucent, rounded.
ROCK FRAGMENTS	10%	Tr	Tr		Fe-oxide/quartz composites.
<b>COMMENTS:</b>	¼ split -0.4 + 0.25mm observed.				Observed by: J.D. Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332913

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
22.96 kgs  
702.9 grams  
-2.0+0.25 mm

KEY MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE		Tr	Tr		Golden yellow, beige, blue, translucent, opaque, sub/anedral, blocky, moderately worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	90%	20%		Yellow-brown, brown, blocky, rounded.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE	Tr	8%	68%		Silvery-black, sub/anedral, subangular, blocky, tabular, moderately worn.
KYANITE					
LEUCOXENE		Tr	10%		Creamy, brown, greyish, anhedral, blocky, tabular, worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES		Tr	Tr		Orange-brown, resinous, opaque, anhedral, worn.
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE		Tr			Golden brown, transparent, anhedral, blocky, worn.
SULPHIDES					
TOURMALINE		2%	2%		Brown-black, anhedral, well rounded.
XENOTIME					
ZIRCON			Tr		Colourless, transparent, anhedral, blocky, worn, rounded.
ROCK FRAGMENTS					

**COMMENTS:** -0.8 + 0.25mm, Conc MAG separated.  
+1.2mm, + 0.8mm, ¼ split observed.  
+ 0.4 N/M, fully observed.  
+ 0.4mm, M 6/7, ½ split observed.  
+ 0.4mm, M 4/5, fully observed.  
+ 0.25mm, N/M, ½ split observed.  
+ 0.25mm, M 6/7, ¼ split observed.  
+ 0.25mm, M 4/5, 1/16 split observed.

Observed S.M.  
by: Oct. 1996.  
Date:



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332914

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## POSS KIMB

STREAMSED  
21.13 kgs  
195.9 grams  
-2.0+0.25 mm

KEY MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL			Tr	3 + 0.25mm	all are matt brownish-black, near spherical.
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
AMPHIBOLE			Tr	1 + 0.25mm	moderately fresh, pale bottle green.
ANATASE					
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	65%	20%		Dull, larger grains, pisolitic.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		35%	75%		Dull, silvery-black subhedra, moderately worn, rare grains, low Mg.
KYANITE					
LEUCOXENE		Tr	5%		Beige, after ilmenite.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE			Tr		Cherry red, well worn.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE	Tr	Tr	Tr		Well rounded, black-brown.
XENOTIME					
ZIRCON			Tr		Colourless, well rounded, Fe-stained.
ROCK FRAGMENTS					

**COMMENTS:** Conc has been MAG separated, M1/2/3 scalp not observed.

Observed by: L.F.  
Date: Oct. 1996.



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332915

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
23.24 kgs  
689.7 grams  
-2.0+0.25 mm

KEY MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	% +0.8	% +0.4	% +0.25	mm	BRIEF DESCRIPTION
AMPHIBOLE					
ANATASE		2%	15%		Yellow, beige, subtranslucent, opaque, subhedral, slightly to moderately worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE			Tr		Rare, yellow-green, translucent, anhedral, moderately worn.
FE OXIDE/HYDROXIDE	100%	92%	70%		Yellow, brown, dull, subangular, blocky, moderately worn.
GARNET			Tr		1 + 0.25mm. Low Mg almandine, pale pink, anhedral, blocky, worn,
GOLD					
GORCEIXITE					
HAEMATITE	Tr	Tr			Black, specular, anhedral, blocky, worn.
ILMENITE		5%	6%		Silvery-black, sub/anhedral, blocky, tabular, rounded.
KYANITE					
LEUCOXENE		1%	5%		Creamy, beige, brown, sub/anhedral, blocky, rounded.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES		Tr	Tr		Orange, orange-brown, resinous, opaque, anhedral, worn.
PREHNITE					
PYROXENE					
RUTILE			Tr		Dark red, subtranslucent, anhedral, blocky, worn.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE	Tr	Tr	4%		Brown-black, rare blue, anhedral, rounded.
XENOTIME					
ZIRCON		Tr	Tr		Pink, transparent, anhedral, blocky, moderately worn. Rare.
ROCK FRAGMENTS					

**COMMENTS:** -2.0 + 0.8mm, ½ split observed.  
-0.8mm + 0.25mm, MAG separated and fully observed.

Observed S.M.  
by: Oct. 1996.  
Date:



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# HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332916

## ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

## NEGATIVE

STREAMSED  
17.04 kgs  
3199.9 grams  
-1.2+0.25 mm

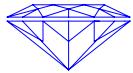
KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE					
APATITE					
BARITE	Tr	Tr	Tr		Colourless, translucent, anhedral, blocky, slightly to moderately worn.
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE		99%	97%		Brown, reddish-brown, dull, blocky, rounded.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE		Tr	Tr		Black, specular, anhedral, blocky, worn.
ILMENITE		1%	1%		Silvery-black, sub/anhedral, tabular, blocky, rounded.
KYANITE					
LEUCOXENE					
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE			Tr		Red, dark red, subtranslucent, anhedral, blocky, rounded, worn.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		Tr	2%		Brown-black, anhedral, rounded.
XENOTIME					
ZIRCON					
ROCK FRAGMENTS					

**COMMENTS:** + 0.8mm fully observed.  
 -0.8 + 0.25mm, MAG separated.  
 N/M ½ split observed.  
 M 6/7 ¼ split observed.  
 M 4/5 fully observed.

Observed S.M.  
 by: Oct. 1996.  
 Date:



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332917**

### ASSESSMENT

Type of sample  
 Head Weight  
 Conc Weight -2.0+0.25mm  
 Size fractions observed

### NEGATIVE

STREAMSED  
 23.88 kgs  
 143.3 grams  
 -2.0+0.25 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.25	mm	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.25	mm	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE		Tr	Tr		Golden yellow, palest grey-blue, pearly, worn, tabular, subhedra.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM			Tr		Palest blue, colourless, worn.
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	95%	55%		Dull brick red, larger grains, pisolitic.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		5%	20%		Dull, silvery-black, worn subhedra.
KYANITE					
LEUCOXENE			Tr		After ilmenite, worn to moderately worn, beige, cream.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE			Tr		Resinous, red-orange, opaque, spherical.
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE		Tr	Tr		Cherry red to silvery-black, near spherical.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		Tr	25%		Well rounded, near spherical, black-brown.
XENOTIME					
ZIRCON			Tr		Colourless, Fe-stained, rounded, also worn euhedra.

ROCK FRAGMENTS				
<b>COMMENTS:</b> Conc has been MAG separated, M1/2/3 scalp not observed.				Observed by: L.F. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332918**

### ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

### NEGATIVE

STREAMSED  
13.88 kgs  
2.2 grams  
-2.0+0.25 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.25	mm	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.25	mm	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE			Tr		Grey, palest blue, worn, tabular subhedra.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM			Tr		Rare, colourless to palest blue, worn, vitreous, transparent.
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	70%	Tr		Dull, earthy, yellow-brown.
GARNET					
GOLD					
GORCEIXITE			Tr		Red-brown, resinous, worn.
HAEMATITE					
ILMENITE		10%	30%		Dull, silvery-black, worn subhedra.
KYANITE					
LEUCOXENE		20%	20%		Beige, cream, greyish, porcelain-like, polished.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		Tr	40%		Well rounded, black-brown grains.
XENOTIME					
ZIRCON			10%		Colourless, Fe-stained, well rounded.

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction



ROCK FRAGMENTS				
<b>COMMENTS:</b>				Observed by: L.F. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332919**

### ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

### NEGATIVE

STREAMSED  
21.30 kgs  
443.0 grams  
-2.0+0.25 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE			Tr		Rare, yellow, blue, translucent, subhedral, tabular, moderately worn.
APATITE					
BARITE		1%	Tr		Colourless, translucent, anhedral, tabular, blocky, etched, moderately worn.
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE		82%	25%		Yellow-brown, reddish-brown, dull, blocky, rounded.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		15%	71%		Silvery-black, sub/anhedral, subangular, tabular, blocky, moderately worn to worn.
KYANITE					
LEUCOXENE		Tr	3%		Creamy beige, brown, grey, dull to porcelain-like surface, tabular, blocky, moderately worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES			Tr		Orange, orange-brown, resinous, opaque, anhedral, worn.
PREHNITE					
PYROXENE		2%	1%		Greenish-brown, translucent, anhedral, blocky, laths, moderately worn.
RUTILE		Tr	Tr		Orange, orange-red, subtranslucent, prismatic, blocky, worn.
SPHENE					
SPINEL					
STAUROLITE		Tr	Tr		Pale brown, transparent, anhedral, tabular, worn.
SULPHIDES					
TOURMALINE		Tr	Tr		Brown-black, anhedral, rounded.
XENOTIME					
ZIRCON			Tr		Colourless, transparent, sub/anhedral, blocky, moderately worn.

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

**COMMENTS:** +0.8mm fully observed.  
 -0.8 + 0.25mm, MAG separated.  
 + 0.4mm fully observed.  
 N/M + 0.25mm fully observed  
 M 6/7 + 0.25mm fully observed  
 M 4/5 + 0.25mm 1/8 split observed.

Observed S.M.  
 by: Oct 1996.  
 Date:



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332920**

### ASSESSMENT

Type of sample  
 Head Weight  
 Conc Weight -2.0+0.25mm  
 Size fractions observed

### NEGATIVE

STREAMSED  
 21.66 kgs  
 315.4 grams  
 -2.0+0.20 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.20	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.20	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE			Tr		Palest blue-grey, worn subhedra.
APATITE					
BARITE					
CALCITE					
CASSITERITE			Tr		Subangular, pale brown, translucent.
CORUNDUM			Tr		Rare, colourless to palest blue, worn.
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	95%	65%		Earthy, yellow-brown to red-brown, larger grains pisolitic.
GARNET			Tr		Almandine, palest pink, worn chip.
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		5%	20%		Dull, silvery-black, moderately worn.
KYANITE					
LEUCOXENE			Tr		Dull, creamy beige, worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE		Tr	Tr		Cherry red, orange-red, well worn.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		Tr	15%		Well rounded, black-brown.
XENOTIME					
ZIRCON		Tr	Tr		Rare, colourless, Fe-stained.

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

ROCK FRAGMENTS				
<b>COMMENTS:</b> Conc has been MAG separated, M1/2/3 scalp not observed.				Observed by: L.F. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332921**

### **ASSESSMENT**

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

### **NEGATIVE**

STREAMSED  
14.14 kgs  
31.3 grams  
-2.0+0.25 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

%      %      %  
 +0.8   +0.4   +0.25

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.25	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE			Tr		Green, translucent, anhedral, lath. Rare.
ANATASE					
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	99%	20%		Yellow-brown, reddish-brown, dull, subangular, blocky, worn.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		Tr	47%		Silvery-black, sub/anhedral, blocky, rounded, moderately worn.
KYANITE					
LEUCOXENE		Tr	8%		Creamy, beige, brown, greyish, anhedral, blocky, moderately worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES			Tr		Orange-brown, resinous, opaque, anhedral, worn.
PREHNITE					
PYROXENE					
RUTILE		Tr	Tr		Dark red, subtranslucent, anhedral, tabular, blocky, worn.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		1%	25%		Brown-black, anhedral, rounded.
XENOTIME					
ZIRCON			Tr		Colourless, reddish-brown, translucent, subtranslucent, rounded.

ROCK FRAGMENTS				
<b>COMMENTS:</b> + 0.8mm, fully observed. -0.8mm + 0.25mm, Conc has been MAG separated and fully observed.				Observed by: S.M. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332922**

### ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

### POSS KIMB

STREAMSED  
21.26 kgs  
67.9 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL			Tr	1+0.25mm, rounded, dull	
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE			Tr	Palest blue-grey, tabular, subhedra.	
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE			Tr	Rare, yellow-green, moderately fresh.	
FE OXIDE/HYDROXIDE	100%	80%	20%	Dull, red-brown, larger grains are pisolitic.	
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		15%	40%	Dull, silvery-grey, moderately worn.	
KYANITE					
LEUCOXENE			Tr	Beige, cream, after ilmenite.	
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES		Tr	Tr	Cream, reddish, resinous, worn.	
PREHNITE					
PYROXENE					
RUTILE			Tr	Cherry red, well worn.	
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES			Tr	Pyrite, rare, fresh.	
TOURMALINE	Tr	5%	40%	Well rounded, black-brown, grains.	
XENOTIME					
ZIRCON		Tr	Tr	Colourless, well rounded, some vitreous.	

ROCK FRAGMENTS				
<b>COMMENTS:</b> -0.8 + 0.25mm, MAG separated, M1/2/3 scalp not observed.				Observed by: L.F. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332923**

### ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

### NEGATIVE

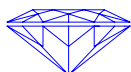
STREAMSED  
18.26 kgs  
182.4 grams  
-2.0+0.20 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.20	mm	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.20	mm	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE			Tr		Greyish-blue, rare, subtranslucent, subhedral, blocky, moderately worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	99%	45%		Reddish-brown, brown, dull, blocky, rounded.
GARNET			Tr		2 + 0.25mm. Low Mg Almandine, pink, orange, transparent, blocky, worn.
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		Tr	Tr		Silvery-black, sub/anhedral, subangular, blocky, tabular, moderately worn.
KYANITE					
LEUCOXENE			7%		Creamy, brown, anhedral, tabular, rounded, moderately worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES			Tr		Orange-brown, resinous, opaque, anhedral, worn.
PREHNITE					
PYROXENE					
RUTILE		Tr	Tr		Dark red, subtranslucent, anhedral, blocky, worn.
SPHENE					
SPINEL					
STAUROLITE			Tr		Brown, translucent, anhedral, blocky, worn.
SULPHIDES					
TOURMALINE		1%	48%		Brown-black, anhedral, rounded.
XENOTIME					
ZIRCON			Tr		Pink, transparent, anhedral, blocky, moderately worn.

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

ROCK FRAGMENTS				
<b>COMMENTS:</b> -2.0 + 0.8mm fully observed. -0.8mm + 0.25mm MAG separated and fully observed.				Observed by: S.M. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332924**

### **ASSESSMENT**

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

### **POSS KIMB**

STREAMSED  
22.67 kgs  
136.7 grams  
-2.0+0.20 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.20	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL			Tr	2+0.25mm, rounded, dull	
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

%      %      %      Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.20	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE			Tr	Pale grey-blue, golden yellow, worn subhedra.	
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM			Tr	Colourless, worn, small black inclusions.	
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	90%	60%	Dull, red-brown, larger grains pisolitic.	
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		5%	20%	Dull, silvery-black, moderately worn.	
KYANITE		Tr		Rare, worn, bladed, Fe-stained.	
LEUCOXENE			Tr	After ilmenite, worn to moderately worn.	
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES			Tr	Resinous, red-orange, includes monazite.	
PREHNITE					
PYROXENE					
RUTILE					
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		5%	20%	Well rounded, black-brown grains.	
XENOTIME					
ZIRCON		Tr	Tr	Colourless, Fe-stained.	

ROCK FRAGMENTS				
<b>COMMENTS:</b> Conc has been MAG separated, M12/2/3 scalp not observed.				Observed by: L.F. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332925**

**ASSESSMENT**

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

**NEGATIVE**

STREAMSED  
20.63 kgs  
133.1 grams  
-2.0+0.25 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.25	mm	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

%      %      %

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.25	mm	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE			Tr		Pale yellow, beige, grey, grey-blue sub/anhedra, moderately worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM			Tr		1 + 0.25mm, mauve-blue fragment, moderately worn.
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	95%	47%		Yellow-brown, red-brown, grey-black, pisolitic/fractured fragments.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		5%	38%		Silvery-black, subhedral, moderately worn.
KYANITE					
LEUCOXENE		Tr	5%		Blue-grey, beige, dull to porcelain-like.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES		Tr	Tr		Orange-brown, red-brown, resinous, opaque.
PREHNITE					
PYROXENE					
RUTILE		Tr	Tr		Cherry red, reddish-black, silvery-black, anhedral, moderately worn.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		Tr	10%		Black-brown, well rounded.
XENOTIME					
ZIRCON		Tr	Tr		Orange-brown, orange, colourless, well rounded.

ROCK FRAGMENTS				
<b>COMMENTS:</b> -2.0 + 0.8mm fully observed. -0.8 + 0.25mm MAG separated and fully observed.				Observed by: B.G. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332926**

### ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

### NEGATIVE\*

STREAMSED  
17.80 kgs  
38.6 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

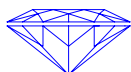
OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE			Tr		Yellow, grey-blue, beige, anhedral, moderately worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM			Tr		Palest ice blue, fragmented, moderately worn.
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	97%	34%		Yellow-brown, red-brown, pisolitic.
GARNET			Tr		1 + 0.25mm, almandine. Pale pink, rounded, low Mg.
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE *		2%	40%		Silvery-black, subhedral, moderately worn., 1 + 0.4mm low Mg ilmenite, blocky, bright.
KYANITE					
LEUCOXENE		Tr	20%		Beige, brown, blue-grey, dull to porcelain-like.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE			Tr		Orange, rounded, opaque.
PHOSPHATES	Tr	Tr	Tr		Cream, orange, grey, blocky to rounded, resinous opaques.
PREHNITE					
PYROXENE					
RUTILE			Tr		Cherry red, reddish-black, black, rounded anhedral.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		1%	5%		Black-brown, rarely coloured, well rounded.
XENOTIME					
ZIRCON		Tr	1%		Pearl, colourless, orange-brown, anhedral, generally well rounded.
Al SILICATE		Tr	Tr		Colourless, subangular to rounded, moderately worn.



ROCK FRAGMENTS				
<b>COMMENTS:</b> -2.0 + 0.8mm fully observed. -0.8mm + 0.25mm MAG separated and fully observed.				Observed by: B.G. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332927**

### ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

### NEGATIVE

STREAMSED  
22.20 kgs  
317.6 grams  
-2.0+0.20 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.20		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.20		
AMPHIBOLE					
ANATASE			Tr		Beige, pale blue, translucent, sub/anhedral, moderately worn.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE			Tr		Rare, yellow-green, subtranslucent, anhedral, blocky, worn.
FE OXIDE/HYDROXIDE	100%	92%	50%		Reddish-brown, some yellow, dull, subangular, blocky, rounded.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		5%	28%		Silvery-black, sub-anhedral, tabular, subangular, blocky, moderately worn.
KYANITE			Tr		Colourless, rare, transparent, anhedral, bladed, moderately worn.
LEUCOXENE		Tr	2%		Creamy, brown, greyish, anhedral, blocky, worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES		Tr	Tr		Pale orange, pinkish-orange, resinous, opaque, worn.
PREHNITE					
PYROXENE			Tr		Rare, pale greenish-brown, translucent, anhedral, blocky, moderately worn.
RUTILE		Tr	Tr		Cherry red, blackish-red, subtranslucent, anhedral, blocky, worn.
SPHENE					
STAUROLITE					
SULPHIDES					
TOURMALINE		3%	20%		Brown, brown-black, anhedral, rounded.
XENOTIME					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

ZIRCON			Tr	Reddish-brown, translucent, anhedral, rounded.
ANDALUSITE		Tr	Tr	Pale pink, colourless, transparent, anhedral, blocky, moderately worn.
ROCK FRAGMENTS				
<b>COMMENTS:</b> +0.8mm fully observed. -0.8 + 0.25mm MAG separated and fully observed.				Observed S.M. by: Oct. 1996. Date:



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332928**

### ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

### POSITIVE

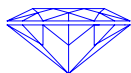
STREAMSED  
24.28 kgs  
180.6 grams  
-2.0+0.20 mm

<b>KEY MINERALS</b>	% +0.8	% +0.4	% +0.20	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL		Tr			1 + 0.4mm, 1+0.20mm, black, subhedral, bevelled edges, moderately worn. The larger grain not kimb.
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

<b>OTHER MINERALS</b>	% +0.8	% +0.4	% +0.20	<b>mm</b>	<b>BRIEF DESCRIPTION</b>
AMPHIBOLE					
ANATASE		Tr	1%		Beige, golden yellow, blue.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM			Tr		Rare, blue, translucent, anhedral, tabular, worn.
EPIDOTE			Tr		Rare, yellow-green, subtranslucent, anhedral, blocky, worn.
FE OXIDE/HYDROXIDE	100%	81%	9%		Yellow-brown, brown, dull, subangular, blocky, rounded.
GARNET			Tr		Almandine. Pale pink, subangular, moderately worn.
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE	Tr	15%	75%		Silvery-black, sub/anhedral, tabular, subangular, blocky, moderately worn.
KYANITE					
LEUCOXENE		2%	10%		Creamy, brown, greyish, dull to porcelain-like surfaces, tabular, blocky, worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE			Tr		Yellow, transparent, anhedral, subangular, moderately worn.
PHOSPHATES		Tr	Tr		Orange, resinous, opaque, anhedral, worn.
PREHNITE					
PYROXENE		Tr	Tr		Greenish-brown, brown, translucent, anhedral, blocky, moderately worn.
STAUROLITE					
SULPHIDES					
TOURMALINE		2%	5%		Brown-black, green, anhedral, rounded.
XENOTIME					
ZIRCON			Tr		Colourless, some Fe-staining, anhedral, rounded.
ANDALUSITE			Tr		Pink, transparent, anhedral, blocky, subangular, moderately worn.

ROCK FRAGMENTS				
<b>COMMENTS:</b>	-1.2mm + 0.8mm fully observed. -0.8mm + 0.25mm MAG separated. +0.4mm fully observed. N/M +0.25mm, fully observed. M 6/7 + 0.25mm, fully observed. M 4/5 + 0.25mm, ¼ split observed.			Observed by: S.M. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

**SAMPLE NO**

**332929**

### ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -1.2+0.25mm  
Size fractions observed

### POSS KIMB

STREAMSED  
7.46 kgs  
20.6 grams  
-1.2+0.20 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.20		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL			Tr		2 + 0.25mm, 1 + 0.20mm, for the 0.25mm grains, one worn broken octahedra, the other well rounded, both have a matt brownish-black sheen. The smaller grain is rounded, friable.
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.20		
AMPHIBOLE					
ANATASE			Tr		Grey-blue, tabular subhedra.
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE					
FE OXIDE/HYDROXIDE	100%	100%	90%		Brick red, rarely yellow, earthy, dull.
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		Tr	Tr		Dull, silvery-black, worn subhedra.
KYANITE			Tr		Flat, bladed, colourless, worn, rare.
LEUCOXENE			Tr		Beige, cream, worn.
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE			Tr		Cherry red, well worn.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE		Tr	10%		Well rounded, new, spherical, black-brown.
XENOTIME					
ZIRCON			Tr		Well rounded, colourless, spherical, often Fe-stained.

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

ROCK FRAGMENTS				
COMMENTS:				Observed by: L.F. Date: Oct. 1996.



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## HEAVY MINERAL ANALYSIS SHEET

SAMPLE NO

332930

### ASSESSMENT

Type of sample  
Head Weight  
Conc Weight -2.0+0.25mm  
Size fractions observed

### NEGATIVE

STREAMSED  
21.30 kgs  
11.0 grams  
-2.0+0.25 mm

KEY MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
DIAMOND					
PYROPE					
CHROMITE/CR SPINEL					
CHROME DIOPSIDE					
PICROILMENITE					
PHLOGOPITE					
OTHER					

OTHER MINERALS	%	%	%	mm	BRIEF DESCRIPTION
	+0.8	+0.4	+0.25		
AMPHIBOLE					
ANATASE					
APATITE					
BARITE					
CALCITE					
CASSITERITE					
CORUNDUM					
EPIDOTE			Tr		1 + 0.25mm, dark pistachio green, moderately fresh.
FE OXIDE/HYDROXIDE	100%	90%	75%		
GARNET					
GOLD					
GORCEIXITE					
HAEMATITE					
ILMENITE		2%	10%		Dull, silvery-black, worn subhedra.
KYANITE					
LEUCOXENE					
MAGNETITE					
MICA					
MN OXIDE					
MONAZITE					
PHOSPHATES					
PREHNITE					
PYROXENE					
RUTILE			Tr		Rare, cherry red, well worn.
SPHENE					
SPINEL					
STAUROLITE					
SULPHIDES					
TOURMALINE	Tr	8%	15%		Well rounded black-brown grains.
XENOTIME					
ZIRCON		Tr	Tr		Colourless, well rounded.

Note: The number of key minerals is the **absolute number** in the fraction noted unless otherwise stated ie 2+0.25mm (in a ½ split) is 2 grains in a ½ split of the +0.25mm fraction

ROCK FRAGMENTS				
<b>COMMENTS:</b>				Observed by: Date:
				L.F. Oct. 1996.