	~н			<u>)etai</u>	ed F	leav	y Mir	<u>nera</u>	l And	alys	is	Sa	mple N	o:	BK1
Ph 61 8 9361 259	96		0	ur Job No	o.: 04046						Over	all Sample	Assessmer	nt:	Negative
Fx 61 8 9470 150	4		Di	sc No.:	-						Your	Project Co	de:		Booroloola NT
Sample Type (as	s co	ollect	ted):		Str	eam Se	edimen	t					Head \	Weight	34.06 kg
Sample Type (as		Str	eam Se	edimen	t					Weight	kg				
Observed Sc	ole Ty	ype:		DN	IS Cond	centrate	Э								
Diamond <sub>m</sub>	ım	<u>Nur</u> +1.2	<u>nber o</u> +1.0	f particle +.8	<u>es in ea</u> +.4	<u>ch size f</u> +.3	raction +.25	+.20	+.10	Total partie	cles Descriptio	on of these par	ticles		
Key Minerals <sub>m</sub>	m	<u>Num</u> +1.2	<u>nber of</u> +1.0	particle +.8	<u>s in eac</u> +.4	<u>ch size fr</u> +.3	action +.25	+.20	+.10	Wear	Overall Mor Group	ph. Total particles	No of partic probed	cles PRIORITY on Morph only)	′ based PRIORITY based ology on morphology and Probe)
Other Minerals	S	<u>% Pe</u>	ercento	ige of p	<u>articles</u>	<u>in each</u>	size frac	<u>tion</u>	. 40		0.1	A	1	-	F (0)
	m	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	wear	orange-pink	subrounded	classy	transparenc	irregular, hummochy
Amanane						Ir				//////	orange-pink	sobioonded	glassy	liansparen	inegolar, nominocky
Amphibole					Tr	20				MF	bottle-green	subangular	glassy	translucent	fibrous laths
Anatase					Tr	Tr				ww	blue-grey	subrounded	greasy	translucent	subangular
Epidote					Tr	3				MF	yellow-green	subangular	glassy	translucent	irregular
Leucoxene					Tr	10				w	beige, cream	subrounded	polished	opaque	irregular
Pyrite						Tr				MF	brassy-yellow	subrounded	metallic	opaque	irregular
Rock Fragments				100	100	63				ww	cream	subrounded	dull	opaque	blocky
Rutile						Tr				ww	silvery-black	rounded	submetallic	opaque	near spherical
Tourmaline				Tr	Tr	2				ww	black-brown	rounded	glassy to frosted	translucent	near spherical
Zircon					Tr	2				ww	ornage-red, colourless	rounded	vitreous	translucent to	near spherical, ovate
τοται		%	%	100%	100%	3 100%	%	%	%					transparent	
What Has Poo	n (			42										Technik	ian:
Final Conc Weigh		0.6	eive( 30000	a s	ize Rar	nae	-	2+0.3	mm				Do	ate Obsei	ved: 16-Aug-04
Weight Observed		0.6	30000	g		3-					Report Prir	nted:	Mono	day, 23 Au	gust 2004 9:16:43 AM
Magnetic Fraction	ns v +1	/s Siz	e Frac	tion	+.4	+.3	+.25	+,20	+.10	Con	nment at	pout			
NotMag				All	All	All				this	sample:				

	ГЕСН		<u>[</u>	<u>)etai</u>	led I	leav	y Mir	nera	l And	alys	is	Sa	mple No	o:	BK2	
Ph 61 8 9361 2596 0			ur Job No	o.: 04046						Over	all Sample	Assessmer	nt:	Negative		
Fx 61 8 9470 1	504		Di	sc No.:	554						Your	Project Co	de:		Booroloola NT	
Sample Type	(as c	ollec	ted):		Sti	eam Se	edimen	nt					Head V	Weight	35.14 kg	
Sample Type	Stream Sediment							Wet Weight kc								
Observed		DN	IS Cond	centrat	е											
Diamond	mm	<u>Nu</u> +1.2	<u>mber o</u> +1.0	f particle +.8	<u>es in ea</u> +.4	<u>ch size 1</u> +.3	raction +.25	+.20	Total 0 +.10 particles Description of these particles							
Key Minerals Number of +1.2 +1.0				particles in each size fraction +.8 +.4 +.3 +.25					+.10	Overall Morph. Total No of pa Wear Group particles probed				ticles PRIORITY based PRIORITY based on Morphology on morphology only) and Probe)		
Other Miner	als	<u>% Pe</u>		<u>age of p</u>	articles	in each	size frac	ction	+ 10	Wee	r Colour	Angularity	Luotro	Transportano	. Form/Shane	
Amphibole		71.2	+1.0	Ŧ.0	7.4	Tr	7.25	Ŧ.20	+.10	MW	bottle-green	subrounded	dull	translucent	fibrous laths	
Anatase					Tr	Tr				мw	beige, blue- grey, yellow- blue		greasy	translucent	subhedral	
Corundum						Tr				MW	blue	subrounded	glassy	transparent	irregular	
Epidote						Tr				мw	yellow	subrounded	dull	translucent	irregular	
Ilmenite						Tr				w	silvery-black	rounded	dull	opaque	irregular	
Leucoxene				Tr	Tr	40				w	cream, brown, grey, beige	subrounded	polished	opaque	irregular	
Rock Fragments				100	95	55				ww	cream, creamy	subrounded	dull, earthy	opaque	blocky to irregular	
Rutile					Tr	Tr				мw	reddish brown, cherry-red,	subrounded to rounded	submetallic	opaque	irregular	
Tourmaline				Tr	5	5				ww	black-brown	rounded	glassy to frosted	translucent	near spherical	
Zircon						Tr				ww	colourless, yellow	rounded	frosted	transparent to translucent	near spherical	
TOTAL		%	%	100%	100%	3 100%	%	%	%							
What Has Be	en	Obs	erve	d?										Technic	<b>cian:</b> BJG	
Final Conc Wei	ght	0.7	90000	) g Size Range -2+0.3 m					mm	Date Observed: 16-					rved: 16-Aug-04	
Weight Observe	əd	0.7	90000	g								neu.	MONC	10y, 23 AU	gusi 2004 7:16:55 AM	
Magnetic Fract	ions	vs Siz	e Frac	tion	+ 4	+ 2	+ 25	+ 20	+ 10	Cor	nment ab	out				
NotM	ag	1.2		All	All	All	25			this	sample:					

	<b>`</b> ⊔			<u>etail</u>	ed H	leav	<u>y Mi</u>	nera	l An	alys	is	Sa	mple N	o:	BK3	
Ph 61 8 9361 2596			0	ur Job No	: 04046						Over	Overall Sample Assessment:			Negative	
Fx 61 8 9470 150	Di	sc No.:	-						Your	Project Co	de:		Booroloola NT			
Sample Type (as	ollect	ted):	Stream Sediment									Head	Weight	35.58 kg		
Sample Type (as	Stream Sediment									Weight	kg					
Observed Sc	ype:	DMS Concentrate														
Diamond	m	<u>Nur</u> +1.2	<u>mber oi</u> +1.0	f particle +.8	<u>es in ea</u> +.4	<u>ch size 1</u> +.3	traction +.25	+.20	+.10	Total +.10 particles Description of these particles						
Key Minerals <sub>m</sub>	m	<u>Num</u> +1.2	<u>1ber of</u> +1.0	particle: +.8	<u>s in eac</u> +.4	: <u>h size fr</u> +.3	action +.25	+.20	+.10	Wea	Overall Morı r Group	ph. Total particles	No of partic probed	cles PRIORITY on Morph only)	f based PRIORITY based ology on morphology and Probe)	
Other Minerals	j m	<u>% Pe</u> +1.2	ercento +1.0	ige of po +.8	articles +.4	<u>in each</u> +.3	size fra +.25	<u>iction</u> +.20	+.10	Wea	r Colour	Angularity	Lustre	Transparenc	y Form/Shape	
Amphibole						3				MW	bottle-green	subrounded	dull	translucent	fibrous laths	
Anatase						Tr				мw	beige	subrounded	greasy	translucent	irregular	
Epidote					3	2				мw	creamy yellow	subrounded	dull	translucent	irregular	
Leucoxene					15	20				w	grey, beige, brown	rounded	dull to polished	opaque	irregular to near spherical	
Rock Fragments				85	52	60				W	creamy brown	subrounded	dull, earthy	opaque	irregular to blocky	
Rutile						Tr				w	silvery-black	rounded	submetallic	opaque	irregular	
Tourmaline				15	30	15				ww	black-brown	rounded	glassy	translucent	near spherical	
TOTAL		%	%	100%	100%	5 100%	%	%	%							
What Has Beer	n (	Obs	erved	d?										Technic	cian: BJG	
Final Conc Weigh	ight 0.19 g Size Range -2+0.3 mm							mm	Date Observed: 16-Aug-0							
Weight Observed			0.19	g							Report Prin	neu.	Mono	ady, 23 Au	gust 2004 9:17:07 AN	
Magnetic Fraction	15 V +1	/s Siz	e Frac +1.0	tion +.8	+.4	+.3	+.25	+.20	+.10	Cor	nment at	oout				
NotMag				All	All	All				this	sample:					