



NUMBER 52

JULY 2011

Iontaobhas Oidhreacht Mianadóireachta na hEireann

ining Heritage Trust of Ireland

MHTI PROGRAMME OF EVENTS 2011

(**Bold print** indicates finalised programmes; further details will be sent to members of events in ordinary print; *italics* indicates non-MHTI activities)

20-28 August, Heritage Week (see inside for more details)

21 August	Children of the Mine. Copper Coast Geopark event
21 August	Ancient fields and ancient farming at Allihies
22 August	The Metals Walk From The Pavilion To The West Pier, Dun Laoghaire
23 August	Marvellous minerals workshop (National Museum)
28 August	The Ancient Copper And Sulphur Mines Of Avoca
8 Sept, Thurs	MHTI Board Meeting
9 September, Friday	Fieldtrip Kingscourt Gypsum Mine, including underground
10-11 Sept, Sat-Sun	Fieldtrip (Cavan and Fermanagh, Alastair Lings)
12-18 September	17 th AMHA Conference, Hahndorf, South Australia
	http://www.mininghistory.asn.au/conference/
11 Nov, Friday	MHTI Board Meeting
12 Nov, Saturday	Fieldtrip to Ballycorus and Killiney mines (see inside)
12 Nov, Saturday	EGM on the future status of MHTI (see inside)
12 Nov	NAMHO Council, Cleveland, UK + informal field trips

EDITORIAL

It has recently become apparent that we have had a systematic problem with our membership database, and we have been sending out newsletters and occasional notices in good faith to members, and we now know that not all of them have been received. This may have been going on for some time and has probably contributed to a significant decline in membership numbers. We have checked on a number of cases of people who have not received their newsletter or notices sent by email even though we had the correct address and they were fully paid up and in good standing. We have no way of knowing how many have not received mailings, but fear it may be more than just a handful we know of.

We will be contacting people who have dropped off the radar, and asking them to rejoin, with free copies of gaps in their journal and newsletter. We would greatly appreciate an email response to the receipt of this newsletter to confirm that you have received it, and that we have the correct email address for you and that you have received all newsletters and journals up to and including No 10 for 2010 to date. Please email <u>mparkes@museum.ie</u> with this confirmation.

Lastly, please express interest directly to the fieldtrip organizer so that we can have efficient planning and not have to cancel trips due to an apparent lack of interest from members. And please make use of the new Facebook facility for more up to date information (see inside).

Matthew

Contact Matthew Parkes for information 087-122 1967 or mparkes@museum.ie Mining Heritage Trust of Ireland Ltd. Registered Office: c/o Natural History Museum, Merrion St, Dublin 2. Registered in Ireland as Company 340387

WWW.MHTI.COM

Heritage Week 2011

This week is from 20th to 28th August in 2011. Please let us know if you are organizing any mining related events such as guided walks, open days, talks, films, music, art exhibitions etc so that we can publicise them to our members and to the wider community.

In the meantime, here are some mining related events:

Children Of The Mine

21 August : 14:30 - 16:30

Admission: Free

Event Description: Stories from 19th.Century mining told through the words of the children who worked in the industry. Step back through time and relive their days. Dramatised by the Children of Knockmahon School. Light refreshment provided. Event Organiser: Copper Coast Geopark Venue: Copper Coast Centre, Knockmahon, Bunmahon, Waterford **Access Details** Suitable for Children: Yes Wheelchair Access: Partial Car parking Available: Yes Event Category: Local History Type: Indoors Organiser Name: Tina Keating Contact Address: 18 Monastery Street, Waterford. Email: tinakea@eircom.net Telephone: 087 6552256

Telephone. 007 0002200

The Ancient Copper And Sulphur Mines Of Avoca 28 August : 15:00 - 17:00

Admission: Free Event Description: Guided walk over the most unique mine site in Ireland. Walk over the the unique world of the old miners with its magnificent engine houses, spectacular geology, flora and fauna. Event Organiser/Organisation: Nick Coy. Avoca

Heritage

Venue: East Avoca Mines

White Bridge Tigroney. Half way between the Meeting of the waters and Avoca village (will be signposted) Wicklow

Access Details Suitable for Children: Yes Wheelchair Access: None Car parking Available: Yes Event Category: Geology Type:Outdoors Organiser Name: Nick Coy Contact Address: 16 Lakeside Park Naas Co. Kildare Email: nickcoy@eircom.net Telephone: 086 3706731

The Metals Walk From The Pavilion To The West Pier

22 August : 12:00 - 13:00 Admission: Free

Event Description: A guided historic walk of the Metals line from the Pavilion to the West Pier, by "The Metals' author Rob Goodbody, and co-narrator of new audio guide. Learn the history of The Metals, the innovative railway line that defined Dún Laoghaire and brought granite from Dalkey and the area to build the two giant piers. The West Pier route is lesser known. Buggies welcome, and young children is supervised. Estimated 4km there and back. Event Organiser/Organisation: Aileen O'Meara/Aileen O'Meara Media Venue: Front of Pavilion outside Meadows & Byrne Queen's Road, Dun Laoghaire Dun Laoghaire Rathdown Access Details Suitable for Children: Yes Wheelchair Access: None Car parking Available: Yes Event Category: Local History Type:Outdoors Organiser Name: Aileen O'Meara Contact Address: 19-20 York Road, Dún Laoghaire, Co. Dublin. Email: info@aileenomeara.ie Telephone: 087 2239830

Ancient Fields And Ancient Farming 21 August : 14:00 - 16:00

Admission: Free Event Description: Guided walk to the ancient treasures of the Allihies Mountains. Stone circle, Booley huts, ancient settlements, Beehive hut and lesser known mines. This is a rough terrain walk. Good walking shoes and rain gear required. Walk led by Theo Dahlke & Martin O'Sullivan (junior). Event Organiser/Organisation: Allihies Copper Mine Museum Venue: Allihies Copper Mine Museum Allihies, Beara, Cork-County Access Details Suitable for Children: No Wheelchair Access: None Car parking Available: Yes Event Category: Local History Type:Outdoors Organiser Name: Aileen O'Connor Contact Address: Mine Museum Email: aileen.oconnor@acmm.ie Telephone: 027 73218 Fax: 027 73218

Marvellous Minerals Workshop

23 August : 11:00 - 16:00 Admission: Free of charge. Booking essential. Event Description: Join Stephen Callaghan on this day long workshop and learn how to identify various Irish minerals. Booking required places limited. Contact the Education and Outreach Department at 01 648 6316 or educationnh@museum.ie Event Organiser/Organisation: Natural History Museum Venue: Natural History Museum Merrion St Dublin 2 Access Details Suitable for Children: No Wheelchair Access: None Car parking Available: No Event Category: Geology Type:Indoors Organiser Name: Catherine McGuinness Contact Address: Natural History Museum, Merrion St., Dublin 2. Email: cmcguinness@museum.ie Telephone: 01 6486316

FIELDTRIP: KINGSCOURT GYPSUM MINES

Date: Friday 9th September [revised date] Time: 12.00 noon Venue: Gypsum Industries mine at Knocknacrann, Between Kingscourt (Co. Cavan) and Carrickmacross (Co. Monaghan). Meet at mine gate (arrowed below) Contact: Mick Carragher, 086-3665423 Email: michaelcarragher11@eircom.net



The Mines of Cavan, Fermanagh and Leitrim Fieldtrip: Friday 9 - Sunday 11 September 2011

Following on from our visit to Kingscourt Mine this fieldtrip will examine mines in the Belleek area of County Fermanagh, and mines nearby in Counties Cavan and Leitrim.

In 1652 Gerard Boate recorded iron mining "in the county of Fermanagh, upon Lough Erne". These sites are unknown, but in the Belleek area we will visit iron mines from the 1870s, and feldspar and china clay sites worked between the 1850s and 1940s.

In Cavan we will visit a recently exposed lead mine, and a hill-top coal mining site with an impressive stone incline dating from the 1890s. Nearby in Leitrim we hope to visit an iron mine probably worked in the 1850s.



Cornanurney Mine



Cornanurney Mine

Coordinator

Alastair Lings e-mail: <u>alastairlings@yahoo.co.uk</u> Home: (Scotland +44) 01896 757861 Mobile +44 77 63 85 00 87 Mobile during the weekend: +353 862 505 026

Programme

All grid references are total coordinates to facilitate GPS users. If using grid-letters, ignore the first number of the easting and the northing.

Friday

Meet at 4pm at the large turning area by the entrance to the Drumlin Equestrian Course, 5km due south of Cootehill, 2604 3093 (Discovery sheet 35, grid letter H). Cornanurney Mine (lead); recently excavated adit and shaft collar.

Saturday

Meet at 10am for coffee at the Belleek Pottery, on the north bank of the River Erne 1940 3589 (Discovery sheet 17, grid letter G). Iron mines in the Belleek – Castle Caldwell area. Cement Mill. Feldspar and china clay workings in Garvary and Scardans Lower. Please bring a packed lunch.

Sunday

Meet at 10am in Gubaveeny townland at the end of the track (Dismantled Tramway) leading to Coal Mine (Disused), 2019 3328 (Discovery sheet 26, grid letter H). Monesk Mine (coal), stone incline. Creevelea Furnace (Fireclay trial). Tullynamoyle Mine (iron), 1907 3305, underground access to be confirmed. Please bring a packed lunch.

Equipment

Members are requested to bring warm clothing, waterproofs and hillwalking boots or wellies. If you have any lifejackets spare, please bring them for the first visit on Saturday. If going underground, helmets, electric lamps, crawling (knee) pads and oversuit are recommended.

Bibliography

Boate, G. 1652. Ireland's Natural History. S. Hartlib, London. (Available at <u>http://books.google.com</u>)

Cole, G.A.J. 1922. Memoir and map of localities of minerals of economic importance and metalliferous mines in Ireland. Memoir of the Geological Survey of Ireland. The Stationery Office, Dublin. 155pp. (Reprinted by the Mining Heritage Society of Ireland in 1998) (Feldspar: p62. Iron: p76 & 78. Creevelea Furnace: p.xviii and xxviii in the MHSI reprint)

Eyles, V.A., 1943. Feldspar occurrences near Belleek and Castle Caldwell, Co. Fermanagh (Northern Ireland and Donegal (Eire)). Open File Report No. 19. Geological Survey of Northern Ireland. 6pp.

Flanagan, P.J. 1966. Mining in Cavan. Breifne Vol 3 (No. 9), p100-107.

Legg, I.C., Pyne, J.F., Nolan, C., McArdle, P., Flegg, A.M., and O'Connor, P.J., 1985. Mineral Localities in the Dalradian and associated igneous rocks of County Donegal, Republic of Ireland, and of Northern Ireland. Report Series RS 85/3. Geological Survey of Ireland. 87pp. 4 maps. (Feldspar: p60-63)

Accomodation

Please contact the coordinator for suggestions.

RTE RADIO Documentary on One

You can listen to or download old RTE radio programmes at: <u>http://www.rte.ie/radio1/doconone/</u>. If you search for "mining" you should find Stories from the underground (Tynagh Mine), The Long Strike (Arigna), and From the miners to prosperity (Arigna, Castlecomer, Ballingarry).

FRANK HODNETT R.I.P

It was with great regret that we learned of the death of Frank Hodnett on the 5th July 2011. As many members will know Frank was a member of MHTI for many years and his company will be missed on future field excursions and at meetings. He was also a stalwart companion for Diane Hodnett over recent years in the research and fieldwork in the metal mines of west Cork, resulting in the very fine book they published in 2010. The condolences of MHTI members are sent to Diane and her family.

Frank is pictured below (right) with Diane, and MHTI supporters, Matthew Parkes and Ewan Duffy, on the occasion of Diane receiving the Industrial Heritage Association of Ireland award for the book.



LIAM WALSH RIP

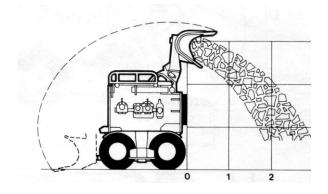
The MHTI Board would also like to offer condolences on behalf of MHTI to Seamus Walsh, our long time Director from Castlecomer, on the death of his brother Liam, who was also a coal miner.

Association for Industrial Archaeology Conference 26 August - 1 September 2011

This year's conference is based at University College Cork. The confirmed programme includes talks by Flor Hurley (Excavations on the 19th - century copper mines at Bunmahon, County Waterford) and Professor William O'Brien (Ross Island copper mines, Co. Kerry), with fieldtrips to the Allihies copper mines and Ballincollig gunpowder mills. Many other presentations and visits are likely to be of interest to MHTI members. Full details are available at: http://industrial-archaeology.org/aconf.htm

SLIGO BARYTE

Baryte was mined in Gleniff horse shoe valley in the 1970s this was one phase of many before it. The vein was drilled and blasted on day shift and care was taken to avoid the surrounding limestone. On night shift blasted material was loaded on to rail mounted one ton mine cars, using Eimco 12b rocker shovels powered by compressed air.



This baryte was clean and didn't require crushing. It was hauled by Volvo trucks to the deep water quay at Sligo port where it was shipped to the UK. At one stage in 1978 there was a very large stockpile, it was so heavy that the concrete quay sank leaving a great hole full of baryte.

An opencast mine was also worked along the strike. Here the baryte was mixed with clay. This was loaded by 22rb dragline on to 40 ton trucks and hauled to the washing and crushing plant, where it was made ready for shipment. The water on top the mountain was scarce so it was cleaned using cyclones and settling ponds, and recycled again and again. It was good to see the rain to fill the ponds. An 8 inch well was bored to a depth of 300ft. The mine closed in 1979.

Some old photographs have been found of Willy Cleary of Tawley Co. Leitrim and George Casey of Keel Co. Longford, two good friends by the looks of it. Both are now living in their native counties.

Notes: The line of mine cars in the background all sadly gone for scrap when the mine closed.

The new rail laid in 1975 is in good shape, with two wagons still on 1500 level, will they ever be filled again, I don't know!!

The mine manager's office can be seen on the left of the top picture.

A miner's hostel still stands roofless atop the mountain from the 1940's (see bottom picture – right).

Also another one on the tarred road in the valley, this was converted into a school which closed in 1936. The cut stone is a credit to those who built it.

Mick Carragher.



Teacher and pupil



Let's hide the angle grinder and go for a pint.



The miner's hostel

MINING ARCHAEOLOGY BOOK

For those members with a serious interest in mining archaeology, you will be interested in the 2011 annual volume sent to us by the Institute Europa Subterranea, which is the Proceedings of the 6^{th} International Symposium on archaeological Mining History. This is a superb hardback production with full colour and very interesting papers. It can be loaned by MHTI members, or see details below if you want to order a limited production.

Contents:

Prologue by the editor: Martin StrafSburger # Definition and Systematics of Mining Archaeology Martin StrafSburger # Teaching mining archaeology - But how? Claudio Eckhardt, Jochen Babist & Pia Mock # Historical Mining and Quarrying: Opportunities, Challenges and Perspectives of communicating geocultural Heritage through Geo-tourism ' Wiel Felder & Joep Orbons # Historical underground Quarries in the Heritage Policy of the Municipality of Valkenburg aid Geul (Netherlands) Jacquo Silvertant # Ancient Surface Mining Relics at the Caestert Plateau (Belgium) Kevin Amendt, Thierry Giesen, Boy Kluijt, Roger Magnee & Jacquo Silvertant # Discovery of a long lost Quarry (Belgium) KevinAmendt, Peter Jennekens & Roger Mognee #19th Century Exploitation of a medieval Limestone Quarry (Belgium) Monica Mocovei & Gheorghe C. Popescu # Metallographic and chemical Data and possible Sources of Ore on two Bronze Age metal Ingots from \$piilnaca, Co. Alba (Romania) and Arad, Co. Arad (Romania) Rainer Werthmann # Chemical investigations on iron production around the archaeological site of Altenburg near Niedenstein, Hessen (Germany) Markus GnirfS, Jochen Babist & Pia Mack # Low-cost Laser Scanning Techniques in Mining Research Contact the editor: europa.subterranea@gmail.com or by post: IES, P.O. Box 70, NL-6300 AB Valkenburg Lb., the Netherlands.

MHTI JOURNAL 2011

Work is underway on the journal for 2011, and it will be published during the autumn. There is still time for contributions. Please contact the Editor:

Matthew Parkes, mparkes@museum.ie, 087-122 1967

Gases in confined spaces

The dangers of gases in mines and other confined spaces should be familiar to MHTI members. Dublin residents (and others) may be interested in a tragedy that occurred in 1637:

"A maulter living in the suburbs of Dublin in St. Francis-street caused a well to be digged three yards deep, which yielding but little water, and that not very sweet nor clear, resolved to have it made deeper; and enjoyned a servant of his, to work at it at spare times, which he doing, and having digged a yard and half lower, the water of it begun the 24th of August to bubble up in a strange manner, making great noise; which having continued two days, without any notable increase, hardly coming half-way the knees; he went down again into the well, to dig there according to his custom. But having wrought but a little while, and being taken with a sudden giddiness in his head, and faintness at his heart, made haste to get out, and being revived, returned to fetch away his spade and other instruments; but coming to the bottom he fell into a deadly sown, which being seen by those that were present, one of them went down to help him up; unto whom the same accident happened. All the spectators being greatly astonished, and their tumult having drawn on a great concourse of people, the place where the well was being an open yard, looking into the main street; a certain man, newly come to town, and casually passing by that way, not affrighted by the example of those two, had the courage to go down to fetch the former out, but with as ill success as they themselves. The wonder and amazement being hereby increased among the people, there was nevertheless a butcher (a bold robustuous man) who having drunk somewhat liberally, would notwithstanding these sad accidents go in, which at the first not being suffered, and he continuing in his resolution, was at last permitted on condition that he let a strong cord be tied about his waist to pull him out, if he found himself ill; the which to signify he was to hold up his right hand. But being come to the bottom; and suddenly taken with a deadly faintness, that he had neither time nor power to give the appointed sign, falling from the ladder; and being hauled out with all possible speed, found to be in a deep trance, but with perfect signs of life: wherefore being carried to his own house, put into his bed, and care taken of him, it was nevertheless twenty four hours before he came to himself.

The dead bodies being drawn out of the well it was filled with earth by order of the magistrate of the said city."

Boate, G. 1652. Ireland's Natural History. S. Hartlib, London.

(1755 edition available at http://books.google.com/)

MHTI corporate status

At the AGM in February 2001 members of the Mining Heritage Society of Ireland decided to become a company limited by guarantee, the Mining Heritage Trust of Ireland Ltd. The reasons for the change were given in the Newsletter (16) of May 2001: "a legal basis for the Society's activities, increased potential for funding, and a limiting of members liability." The description "Trust" was chosen "to make the charitable status and the organisation more acceptable as a worthy group in public perception." There was no legal trust or beneficiaries.

The new company would require an annual audit and the estimated fee would be "up to £700 per annum", but MHTI would "benefit in gaining money from additional sources...with a sounder footing for major income."

Times have changed. The audit fees are now over \notin 2000, we have a smaller membership and we are not presently looking to get involved in any major projects that could generate income for the company.

MHTI is required to submit annual audited accounts to the Companies Registration Office, due to its status as a public company. Much bigger private companies are not required to have an annual audit.

With the current audit fees we have only a few years left in business, so we need to take action now. We will hold an Extraordinary General Meeting on Saturday 12 November to decide the future legal status of MHTI and (potentially) to transfer our assets to a new organisation. You will receive more information in October.

At this stage no decisions have been made on MHTI's future, and the directors will welcome your views on these matters, either directly to a board member, or via the columns of the next Newsletter (deadline 1st October). Please make your views known!

Please see a table of options reproduced on next page. Alastair Lings

EGM Weekend Programme

Friday 11 November, 6pm. Board meeting (note change of date)

Saturday 12 November, 10:30am fieldtrip to the Ballycorus and Killiney mines

5pm Extraordinary General Meeting at National Museum of Ireland, Collins Barracks (venue TBC) 7pm Dinner at the Nancy Hands Bar/Restaurant, Parkgate Street, Dublin [this is a couple of minutes walk from Collins Barracks]

Birth of Britain

This Channel 4 series was broadcast in January. In the episode on Gold, presenter Tony Robinson visits sites including Dolaucothi Mine (Wales), Curraghinalt Mine and Cavanacaw Mine. You can watch the episodes at: http://www.channel4.com/programmes/birth-of-britain/episode-guide

Irish luck or talent and hard work?

John Mackay: Silver King in the Gilded Cage by *Michael J. Makley* Published by the University of Nevada Press at \$34.95 ISBN: 978-0-87417-770-1 Hardcover, Pages: 296

From the early 1870s until his death in 1902, John Mackay was among the richest men in the world, and he was without doubt the wealthiest man to emerge from Nevada's fabulous Comstock Lode. *Beginning life as a poor Irish immigrant, he early developed a strong work ethic that distinguished him for the rest of his life.* He came west to seek his fortune in the California Gold Rush, then moved on to Virginia City, Nevada, where he operated silver mines and discovered the "Big Bonanza" that was three times as rich as any other Comstock strike...

Don Borthwick

From I. A. Recordings

Glengowla – A Tour of Ireland's First Show Mine. Completely new DVD production about the Glengowla lead mine near Oughterard, County Galway. £12.95 Running time 36 mins.

Nenthead '97 & '98 MineCam Compilation **Remote exploration of 11 mineshafts** now available on DVD. It is a two disc compilation with a total running time of 179 minutes (their longest compilation), £16.45

All prices include worldwide delivery.

Next release will be **'Historic Mines of Spain'** vol. 2, the fascinating mines in the **Sierra Minera** region visited by MHTI in 2008.

Visit <u>www.iarecordings.org</u> for details for ordering details etc.

Apologies to Peter Eggleston. My time has run out for the promised review of the Glengowla Mines production. Matthew Parkes

Organisational status	Unincorporated Association	Trust	Friendly Society	Private Company	Public Company	Industrial & Provident Society
Legal status / personality	No	No (A)	No	Yes	Yes	Yes
Limited liability	No (B)	No (B)(C)	No (B)	Yes, usually	Yes, usually	Yes
Audit requirement	No			Yes (D)	Yes	Yes
(C) Section 90 c personal lia(D) Small privat exemption a	is to take out extr of the Charities Ac bility for breach c e companies can and preparation c on http://www.c	tt 2009 allo of trust (cor be exempt of Compani	ows courts to mmenced 26, ed from aud	grant relief to /06/2010) its. See Leaflet	charity trustee	he audit
Department of Ar http://www.pobai The Wheel, public http://www.wheel County and City I The Arts Council: http://www.artsco NI Business Info	tration Office publi ts, Heritage and the <u>Lie/en/CharitiesReg</u> cations (including a <u>Lie/</u> Enterprise Boards, t : A practical guide to <u>puncil.ie/Publication</u> website, informatio <u>inessinfo.co.uk/bdo</u>	Gaeltacht, gulation/ useful 19 p useful links: for board me ns/Board%2 n on choosin	charities regul age preview fi <u>http://www.en</u> embers of arts <u>0Member%20</u> ng a legal strue	ation: om "Solid Found <u>nterpriseboards.id</u> organisations: <u>guidelines%20Er</u> cture:	dations"): e/index.aspx nglish.pdf	Id=10851619

NEW MHTI BOARD MEMBERS CO-OPTED

The Board have recently co-opted two new people to the Board – Barry Flannery and Stephen Callaghan. We welcome their energy and commitment to MHTI – both have been long term members and active participants in trips and meetings.

MHTI FACEBOOK PRESENCE

Barry Flannery has already given us a Facebook presence which we hope will aid in resolving our communication problems. Please check out the preliminary stage.

http://www.facebook.com/pages/Mining-Heritage-Trust-of-Ireland/165987500136619?sk=info

The up to date list of publications available for sale from MHTI is accessible here or direct by email from <u>mparkes@museum.ie</u>

Please do a 'like' thing on this to help promote it.

Barry Flannery will assist with information you want to add here and also try to add it to our creaking almost redundant website, which it is intended to remedy very soon.

MINING HERITAGE TRUST OF IRELAND LIMITED Statement of Financial Activities Year Ended 31 December 2010

	Notes	General Funds 2010 €	Restricted Funds 2010 €	Total (Note15) 2010 €	Total (Note15) 2009 €
INCOMING RESOURCES Subscriptions / Grants		3,890	2	3,890	3,663
Donations		2,222	-	2,222	83
Profit on Sales of Publications		217	-	217	704
		6,329	-	6,329	4,450
Deposit Interest Received	2	2	-	2	4
Total Incoming Resources		6,331	-	6,331	4,454
RESOURCES EXPENDED Administration Expenses Development Projects	3	18,064	:	18,064	9,352 1,210
Total Resources Expended		18,064	-	18,064	10,562
NET OUTGOING RESOURCES FOR THE YEAR		(11,733)	-	(11,733)	(6,108)
Accumulated surplus at beginning of year Transfer from Restricted Funds to General Fund	s	18,110 10,209	10,209 (10,209)	28,319	34,427
				<u></u>	
TOTAL FUNDS CARRIED FORWARD		16,586	-	16,586	28,319

The income and expenditure in the period arose solely from the continuing activities of the company. The company has no recognised gains and losses other than as disclosed above.

APPROVED BY THE BOARD ON

ON BEHALF OF THE BOARD

Matthew Parkes

Nigel Monaghan

The attached notes form part of these financial statements \$ - 10 - \$