BOULBY AND TEESDOCK

TIMES

JUNE 2026

ESG WEEK 2026





SAFE
CERTAIN
SUSTAINABLE

Follow us on:

Get up to speed with the latest news and stories from Boulby and Teesdock sites by taking a look at this month's highlights.

ICL BOULBY AND TEESDOCK

The home of

POLYSULPHATE®

A Message from Grahame

- Grahame Wallace
VP and General Manager



"Welcome to the June edition of the Boulby & Teesdock Times. This month's edition includes our regular theme subjects of Quality, Unsung Heroes, AI Innovations, and business improvements plus many more articles for your enjoyment.

Earlier in June we had a minor hand injury which required first aid treatment when an individual was moving a concreate block which moved and cut his thumb. Hand injuries remain a cause for concern across ICL, and I receive regular notifications for serious events, Lost Working Day Injuries, that are shared and discussed within our various shift briefing sessions. It's important that we learn from events in other sites recognising that there may be similar hazards and risk within our operations. Whatever your role within our business our hands are essential tools in our role at work and in our lives outside of work. Please continue to undertake risk assessments for the tasks that you both regularly and randomly complete. Can you use tools that distance your hands at the point of work and hazard? Are you using the correct tool? Where is your non dominant hand placed during the activity? What type of glove needs to be worn to protect you from the hazards!

Quality does matter! It's important to all our customers and essential that we adhere to their requirements whether chemical specification, size fraction, degradation, and moisture to list a few! In this month's Quality article, it focuses on supply of Poly Standard to India where previously complaints and concerns have been raised regarding both chemical specification and water content of the product. I will let you read the article to see the outcome but the results of the collective and collative work between Mine, Processing and Teesdock teams emphasises that as a business we are truly integrated and what can be achieved when we work together! It's not just about pleasing and maintaining our existing customer base quality is as equally important in attracting new customers. I'm pleased to inform you that we are once again supplying product into China following the successful registration for both Poly Granular and Standard as a Soil Conditioner with the certification being valid for 5 years. We are already planning for the first shipment of 30kt of Poly products which will require close cooperation across our business to seek to guarantee future orders based upon quality of our first shipment. Are you aware of the quality requirements within your role? Do you know the reason for the quality requirements? Do you know the impact of not achieving them?

Two great examples this month of challenging established practices in mining. Both will have significant impact in our cost of operations and flow through into our £/t. Both though could have had major safety implications if we just chased the efficiency and cost savings! This was not the case with a structured approach to understanding the implication of change involving respective consultation with all parties involved before proceeding resulting in business gain with no additional business risk. Thanks to those that came forward with the challenge and as many thanks to those involved in a structured assessment. What opportunities exist in your area from challenging the norm?

This week as part of ICL we are focused on ESG week with many diverse activities taking place on site and online and I look forward to seeing many of you at the activities. It's important that we raise the profile of the principles of ESG during the week but just as important to me that we continue to embed the mindset and values! Looking at each pillar with Environmental first we must continue to reduce our environmental impact of both sites looking at dust, noise, and the potential for pollution with emphasis on proactive prevention and secondly on measuring our reduction and impact. As regards social for me this is about continuing to develop our safety culture where everyone can make a difference and having a diverse and inclusive workforce where people are engaged, enabled, and empowered to contribute to the success of the business. Last but not least is Governance which is the scaffolding that supports all environmental and social initiatives where we have compliance and transparency via clear goals, structured procedures with individuals accountable for tangible results. Enjoy the week and I look forward to seeing all the photos!"

YOUR TIME - YOUR CAUSE - OUR SUPPORT

Whether you lend a hand at a food bank, volunteer with organisations like St. John Ambulance, or support local groups such as Scouts, Brownies or a sports team, your time and effort make a significant impact.

Momentum is building as more of you begin logging your volunteering hours in the WeCare app. From the beginning of this year anyone who has recorded their volunteering time, whether through ESG group activities organised by the company (these will be documented and included on an individual basis) or your individual contributions, will be entered into a prize draw. One winner will be selected at random to receive £100 for their chosen charity.

If you're volunteering your time, don't forget to log it in the WeCare app for your chance to win!



Expanding the Horizons:

AI Innovations at ICL



In our last edition of the Boulby and Teesdock Times, we highlighted the remarkable work of Phil Welsh and his AI-powered "Mine Capture" suite. This innovative system has not only enhanced operational efficiency but also replaced external software, resulting in an impressive £10,000 saving for the buisness.

Embracing AI: A Significant Expansion
ICL has announced a significant expansion of their company-issued AI toolkit. This expansion reflects their commitment to equipping teams with cutting-edge tools designed to help us work smarter, move faster, and unlock unprecedented levels of productivity and creativity across the business.

These toolkits are about empowerment—ensuring every team at ICL has access to the right AI capabilities to transform innovative ideas into tangible business value. Across Boulby and Teesdock, these tools are already being utilised in various projects, setting the stage for exciting developments that we will explore in future editions of the Boulby and Teesdock Times.

ICL is continually assessing new AI solutions to further expand these toolkits. Currently, tools such as Beautiful.ai and AWS Quick are under evaluation, with more to come. Investment in state-of-the-art AI tools underscores our dedication to fostering an environment where creativity and efficiency can thrive.

To facilitate the transition to these new technologies, training sessions and technical support can be provideded. This ensures that everyone is well-equipped to harness the full potential of AI tools, allowing us to think bigger, work better, and create even greater impact. Please keep a look out in your diaries for ICL global training sessions or contact: ai@icl-group.com with any questions.

Share Your AI Success Stories
As we continue our AI journey, we invite you to share your experiences and success stories. If you are implementing AI in your projects, please step forward—we would love to hear your story and perhaps feature it in an upcoming newsletter.

Together, let's embrace the future of AI at ICL and continue to push the boundaries of what's possible.

What's Included in Our Expanded AI Toolkit

Copilot

Copilot Chat – available to all employees:
Our everyday AI assistant, already available to everyone. Copilot Chat supports drafting and rewriting content, summarizing documents and meetings, researching information, and accelerating daily work within the Microsoft ecosystem.

NotebookLM

NotebookLM – available upon approval:
An AI-powered knowledge companion that works with your own source materials. It helps turn documents, presentations, and notes into structured insights, summaries, and grounded answers.

Gemini

Gemini – available upon approval:
A powerful, multimodal AI tool that excels in analysis, reasoning, and working across text, data, and other content types. Well suited for deep research, complex problem-solving, and advanced analytical tasks.

Base44

Base44 – available upon approval:
A rapid solution-building tool that enables teams to create internal tools, self-service solutions, and lightweight applications with high efficiency and minimal development effort.

ChatGPT

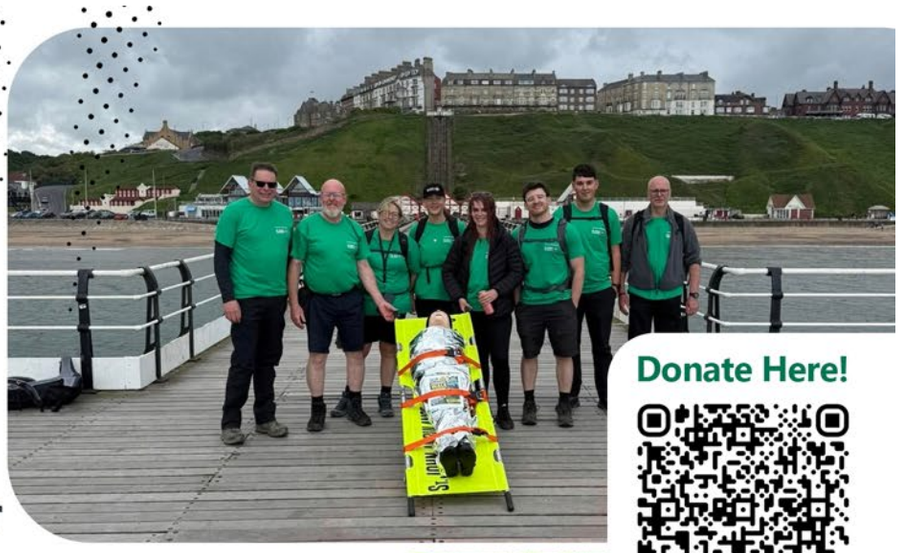
ChatGPT – available upon approval:
A versatile AI assistant for brainstorming, writing, coding, analysis, learning, and tackling complex or open-ended challenges efficiently.

Canva

Canva – available upon approval:
A smart content creation platform for designing polished presentations and engaging visual assets quickly, while maintaining consistency and quality.

UNSUNG HERO

Glen Collins, Quality Manager



Donate Here!

In a world where selflessness often goes unnoticed, Glen Collins shines as one of the unsung heroes of the St John Ambulance service. For two and a half years, Glen has dedicated his time and energy to making a difference in the community.

Glen's volunteering includes regular participation in weekly training sessions. His dedication doesn't stop there,he has also stepped up to support cadet programmes whenever needed. To earn his 'Emergency Response' title, Glen has completed over 100 clinical hours, demonstrating his commitment and passion.

The St John Ambulance service is an integral part of the community, offering support through outreach programs, first aid and ambulance event coverage, and NHS support when required. Glen is a member of the North Yorkshire and Teesside network, operating out of their local hub in Middlesbrough. His efforts contribute to the organisation's mission of providing essential services and support to those in need.

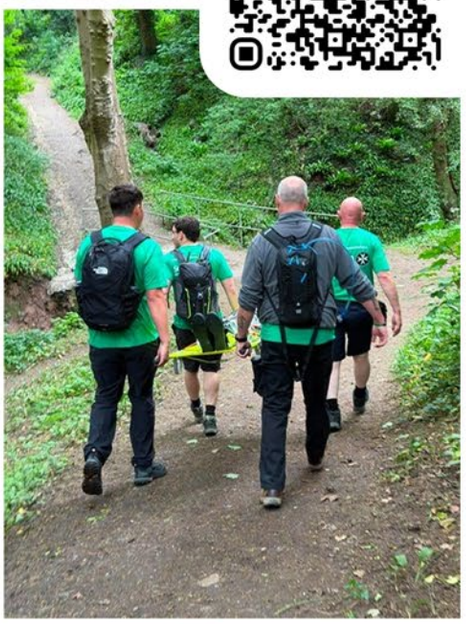
Recently, Glen and his colleagues undertook a remarkable fundraising initiative. They embarked on a challenging walk from Saltburn to their hub in Middlesbrough, carrying a stretcher with a dummy person to symbolise their mission and attract attention. This trek was more than just a physical challenge; it was a powerful demonstration of their dedication to raising awareness and funds for the service. The fundraiser successfully gathered £535 online and £80 in cash, showcasing the community's support and appreciation for their efforts.

Glen's words: ***"We are all capable of sitting on our backsides, or we can get up and offer help to those that need it. It can be big or small, but the effort from you will feel much bigger to those that receive it."***

His words inspire us all to consider how we can contribute to our communities, however large or small our actions might be.

If Glen's story has moved you, consider supporting St John Ambulance's mission. Every contribution makes a significant difference in continuing their invaluable work.

If you would like to donate please scan the QR code at the top of the page to access the groups JustGiving page.







YOUR TIME - YOUR CAUSE OUR SUPPORT

Track Your Time, Make It Count

Log your personal volunteering hours in the **WeCare App** to unlock ICL support.

Matching Donations for Your Volunteering

ICL will donate to your chosen **eligible nonprofit** based on your personal volunteering hours:

Your Volunteering	Your Volunteering	Your Volunteering
30+ hours/year	60+ hours/year	Group of 5+ (75+ hours total)
ICL Donation	ICL Donation	ICL Donation
5$ per hour	10$ per hour	5$ per hour per person

Scan the QR code to access the WeCare app on sharepoint, and start logging your hours now!

A FOND FAREWELL TO NOEL BARRETT

After nearly three decades of service, Boulby Mine bids farewell to long-standing colleague Noel Barrett, who celebrated his final day sharing lunch with colleagues and receiving a traditional brass miner's lamp presented by Boulby and Teesdock's General Manager Grahame Wallace.

Noel has been a valued part of Boulby since joining around Easter 1995, at the age of 33. Serving as a local consulting solicitor to Cleveland Potash Ltd, Noel played a vital role in supporting the mine through his legal expertise. His work focused on mineral leases and local land acquisitions, areas that have been fundamental to the development and continued success of operations at Boulby.

His connection to the mine, however, stretches back even further. Growing up at Lowdale Hall in Sleights, Noel recalls seeing an exploratory drilling rig in a nearby field as a child in the early 1960s, long before Boulby Mine became what it is today. At the time, he wondered what it all meant; decades later, he would go on to play his own part in the mine's history.

Reflecting on his time at Boulby, Noel highlights not just the professional experience, but the people who made it so memorable. He speaks of the *"kindness and helpfulness"* of those he worked with over the years, giving particular thanks to David McLuckie and Donna Bennison.



"It has been a great and extremely interesting place to work," Noel said, expressing his appreciation to colleagues across the business. He also shared his gratitude for the warm send-off he received, including gifts and cards presented in May, and an evening meal with the senior leadership team the following day.

Although stepping back from full-time work, Noel may still be a familiar face around site, as he has kindly agreed to provide occasional support on selected matters moving forward.

As he enters retirement, Noel is looking forward to taking life at a gentler pace, spending more time gardening, enjoying his classic cars, being with family, and making the most of time at his home in Portugal.

And in true Noel fashion, he leaves us with a touch of humour, saying: *"I hope that I have been a 'mine' of useful, rather than useless, information!"*

Everyone at Boulby and Teesdock thanks Noel for his many years of service and wishes him all the very best for a happy and fulfilling retirement.

CELEBRATING ALAN CHILTON AND HIS RETIREMENT FROM THE CPL RETIREMENT ASSOCIATION.

We would like to celebrate the remarkable career and retirement of Alan Chilton from the Cleveland Potash Retirement Association. We look at the incredible journey of a man who has dedicated his life to service and community. At 93 years young, Alan's story is one of passion, commitment, and a legacy that will inspire generations to come.

Alan retired from Boulby Mine at the age of 57, having served as a store supervisor both on the surface and underground, as well as at Teesdock. His career at Boulby Mine was marked by dedication and his skills were instrumental in ensuring the smooth operation of the mine's supply chain, earning him the respect of all who worked with him.

Following his retirement, Alan continued to channel his energy and enthusiasm into the Cleveland Potash Retirement Association, taking on the role of secretary. His involvement was not just an extension of his career but a testament to his enduring commitment to his peers.



David McLuckie, Head of Site Services and Business Communication, and a long-time friend of Alan, notes, ***"Alan's dedication to the retirement association has been paramount in making it the success it is today."***

For 37 years, Alan volunteered at The Land of Iron mining museum, taking on roles as both Museum Manager and Mine Manager. His efforts have helped preserve the rich history of ironstone mining, providing valuable insights and education to countless visitors.

Alan Chilton's retirement is a celebration of a life dedicated to service. His impact on Boulby Mine, the Cleveland Potash Retirement Association, and The Land of Iron mining museum is immeasurable. As we honor Alan, we are reminded of the power of commitment and the difference one person can make.

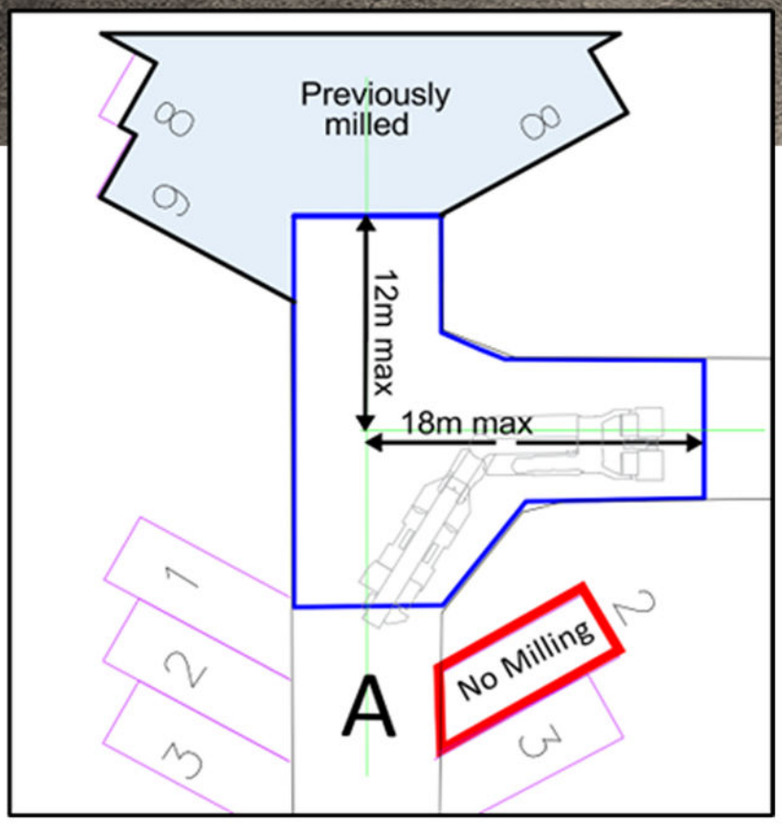
Increasing Mineral Recovery from Herringbone Retreat Panels

Increasing mineral recovery while improving efficiency and doing this safely relies on close collaboration between the Production and Rock Engineering departments, supported by simple, well-controlled changes to the mining layout.

Recent work has focused on increasing productivity in the polyhalite mining sections, assessing how the layout performs in practice and where incremental improvements can be made. In particular, attention has been given to cross-cuts linking the A and B roadways.

From several years of operational experience, these cross-cuts have shown consistently good stability, even in areas where ground stresses are expected to be higher. This is supported by observations underground, alongside 3D stress modelling, monitoring data, and routine inspections, all of which indicate little movement or deterioration.

Based on this performance, a review identified an opportunity to recover additional polyhalite. Previously, the centre of the cross-cut was not milled, leaving a small central "step" of unmined material.



With increased confidence in the ground conditions, the entire length of the cross-cut can now be milled, allowing the central step to be removed in a controlled manner. This change enables the recovery of up to approximately 250 additional tonnes per cross-cut that would otherwise be left behind.

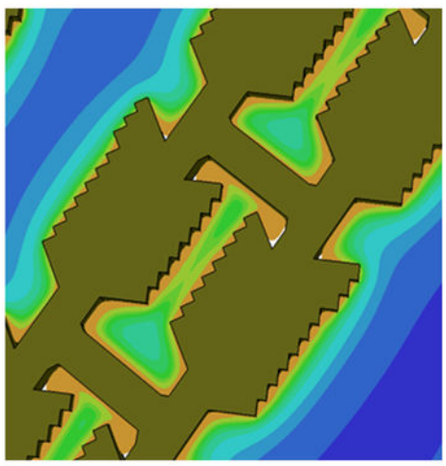
A key part of this work is how changes are introduced. Decisions are not made on assumption, but on measured underground performance, supported by engineering assessment of ground conditions and layout behaviour. Factors such as excavation size and pillar stability are checked before any change is made.

Equally important is the method of implementation. Significant changes should be introduced incrementally, with each stage modifying a single aspect to allow controlled evaluation. This ensures performance can be clearly assessed and any impact on ground stability understood.

The same approach is now being considered to allow some herringbone cuts to be mined an additional 1 m in length. Again, this represents a small adjustment, but one that could provide further gains of approximately 200 tonnes per retreat section if proven acceptable.

While modest on an individual basis, these gains become significant across an entire retreat panel. Recovering more material from the layout improves overall efficiency and reduces the unit cost per tonne. For example, if successfully applied to the future 505's Retreat, this approach could yield an additional 10,000 tonnes of mineral without any additional development outlay.

This approach demonstrates the value of proper design and engineering discipline. By observing, measuring, and refining the layout in a controlled manner, steady improvements can be achieved safely and consistently.



COST CUTTING WITHOUT CUTTING CORNERS

WORKING SMARTER UNDERGROUND



A simple question has led to a big opportunity for savings across our operation:

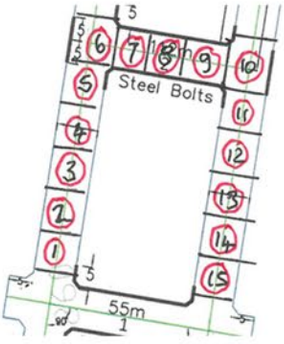
Why do we double mesh?

This initiative, driven by Paul Theaker and Simon Hetherington, takes a fresh look at a long-standing practice and shows how a small change in approach can deliver major cost savings while maintaining safety standards.

What's Happening Now?
In many headings, mesh is installed right up to the face. When the next pass is mined, there's no safety row in place, which leads to double meshing as standard practice.

Are We Doing More Work Than We Need To?
In some cases, a safety row is installed less than 1.4m from the previous row. This creates additional work to maintain compliance.

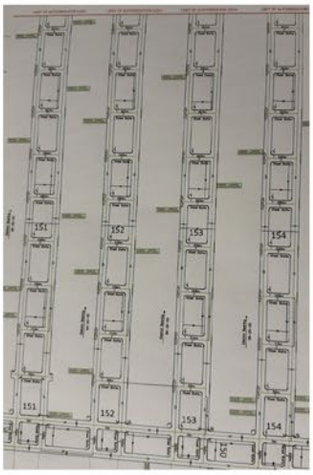
A Better Way: Getting It Right First Time
The most efficient method is to position the safety row correctly at approximately 1.4m from the previous row, avoiding unnecessary additional work and materials.



Why This Matters
When applied across a full panel and multiple headings, the cost savings are significant.

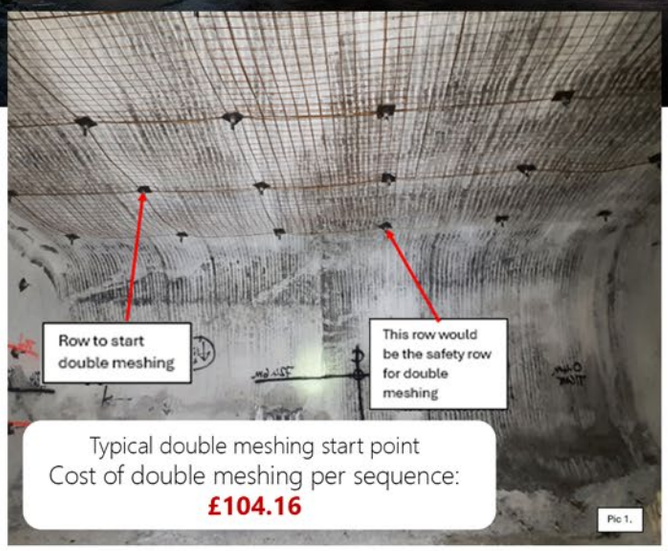
Per Panel (15 sequences):
- Cost of Double meshing: **£1,562.40**
- Cost of a Close safety row: **£981.90**
- Cost of Optimised method: **£184.50**

Across current 150 series panels:
- Cost of Double meshing: **£56,246.40**
- Cost of Close safety row: **£35,348.40**
- Cost of Optimised method: **£6,624.00**

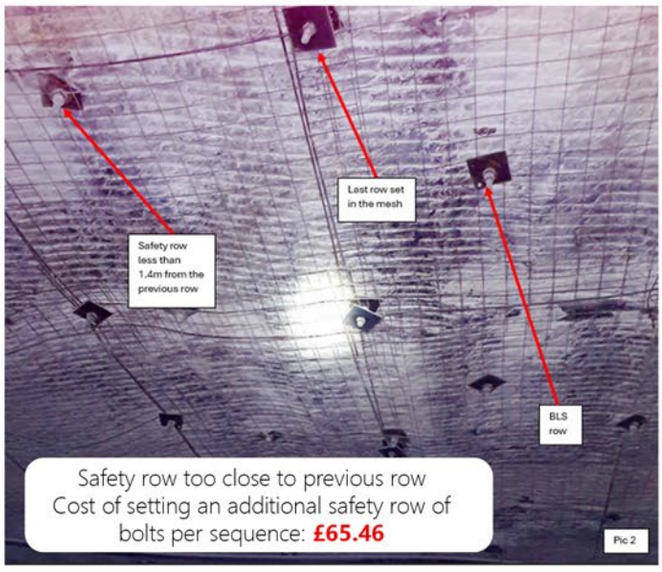


Final Thought
This initiative highlights the value of challenging established practices. By making simple changes, we can work smarter, reduce costs, and maintain high safety standards throughout the mining operation.

"Well done to Paul and Simon for driving this forward."
Craig Szekeres – Operations Manager (Mining)



Typical double meshing start point
Cost of double meshing per sequence: **£104.16**



Safety row too close to previous row
Cost of setting an additional safety row of bolts per sequence: **£65.46**



Optimised method – correct safety row placement
Cost per sequence: **£12.30**

ICL ESG WEEK 2026

The Origami Challenge

GQA



All ICL employees are invited to participate in a GQA (Global Quality Assurance) game as part of ESG Week. The game link will be shared at the beginning of ESG Week

Crack the Origami Code – Are You In?

Join our Origami escape-style game!
solve clues, explore the system, and crack the final code.

Game Rules:
One chance only – one play per participant
Finish in one go – no option to continue later
Complete to win – only those who reach the final screen enter the raffle

Complete the game and enter a raffle for a special GQA prize!

START

ESG 20

JUNE 16TH - 17TH - 18TH 10AM - 2PM
SURFACE CARPARK

ENERGY BIKE

Each participant has one minute to generate as much energy as possible using the energy bike. This gives the team an understanding on how much energy is required to power everyday equipment such as laptops and kettles; as well as items used in operations at Boulby.





INCA

Industry Nature Conservation Association

Join Us for an Ecological Walk at Mines Wood

We invite you to join our partners at INCA on **Wednesday, 17th June** , for an enlightening walk around Mines Wood. Located south of the Boulby Site, Mines Wood offers a wonderful opportunity to explore and learn about the rich ecology of the local area. Don't miss this chance to connect with nature and expand your knowledge of the environment. We look forward to seeing you there!

Walk Times - Wedesday 17th June
First Walk: Begins at 10:15 AM
Second Walk: Starts at 12:00 PM, approximately 1 hour duration

Participation Details
Each walk can accommodate up to 15 participants. Reservations are on a first-come, first-served basis.

Meeting Point and Attire
Please meet at the Tipgate a five minutes before the scheduled walk time.
Ensure you are dressed in full personal protective equipment (PPE).

Please contact:
zoe.goodchild@icl-group.com or **alex.wilkes@icl-group.com** to register your interest.

PLEASE NOTE THE SOUTH SIDE OF THE SURFACE CAR PARK WILL BE TEMPORA
THIS CLOSURE IS NECESSARY TO ACCOMMODATE OUR ES



ENVIRONMENT
SOCIAL
GOVERNANCE



KOMATSU



Dräger

ZOE'S PLACE BABY HOSPICE

St Jo
Ambula

UKRI
Boulby
Labora

WEEK

026



MOBILE CLAY PIGEON SHOOTING

GBX SHOOTING

Champion Contract Services have again, kindly sponsored the clay shooting event at GBX shooting ground located just behind the rail loadout. Reserve your 15-minute slot with a fully qualified instructor today.

Contact: **Admin@ccsne.co.uk** to arrange your time slot.

NORTH YORK MOORS NATIONAL PARK

Over ESG week there will be ranger led volunteering tasks for NYMNP with teams across the business helping to open footpaths and repair fences in the local area. If you are interested in volunteering please reach out to **Katie.Robinson@icl-group.com** or **David.Adams@icl-group.com**

Please note these opportunities are not just for ESG week they will run all year.

ARILY CLOSED FOR PARKING.
G TENTS.



OVER THE ROAD :

- CLAY SHOOT >
- WELLY WANG >
- SURVEY DEPT >
- AXE THROWING >



TEES RIVERS TRUST



CHOKING AWARENESS WITH THE MEDICS

Boulby and Teesdock medical department will conduct training workshops across 3 days focusing on prevention of choking and what to do if such episode takes place

SAFETY CHALLENGE COMMAND TASK

TASK OVERVIEW

Operation: Item Recovery
Duration: 15 minutes (1 team)
Team: 3-4 participants

OBJECTIVE Work as a team

Teams will complete a command task where they will be given a scenario from the safety team. The team sets the plan and, then executes It. The team must follow agreed hold and trigger points, maintain safe system of work behaviours, and communicate clearly throughout. The Safety team will observe and score the task. On completion, the team conducts a short review to identify what worked, what didn't, and what can be improved.

HAZARD AWARENESS LANE

Overview - Walk through a live hazard environment designed to test awareness and safe behaviours.

Teams of four will take part in a hazard awareness lane, working together to identify hazards, assess risks, and apply suitable controls. The activity focuses on communication, teamwork, and a safe system of work behaviours, ensuring all team members remain aware. Involved, and committed to keeping themselves and others safe.

Foundation

Drop in sessions on the BORO bus are available throughout all three days so pop in and get your free health check.

CLEVELAND FIRE BRIGADE

GREAT NORTH AIR AMBULANCE SERVICE

mind Teesside

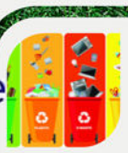
Hargreaves

VISTECH

Science and Technology Facilities Council

AMCO·GIFFEN

CLEVELAND POLICE



RECYCLING GAME

An engaging and interactive game using waste materials from Boulby. Each participant must correctly match each waste to the correct bin, learning about the waste hierarchy and the importance of waste segregation.

AND MUCH, MUCH MORE!

REMEDIATION PROGRAMME ON BOULBY SITE

There is an ongoing remediation programme at the Boulby site, which aims to enhance the integrity and efficiency of our key operational assets. This comprehensive initiative encompasses several critical projects focused on repairing primary structural elements and removing redundant assets to optimise our operations.

Recently, we successfully completed significant projects, including the remediation of Transfer Towers 15 and 17. These structures play a vital role in supporting the key gantry systems for our PotashpluS operation. Additionally, we finished renovations on Conveyor Gantry 517-306, which spans the main site road facilitating distribution of products between the rail load-out area and the finished product silo/salt pad. The engineering, design, fabrication, and site work for these projects have been in progress for over a year, reflecting our commitment to maintaining high operational standards.

Don Valley Engineering acted as the Principal Contractor throughout these projects, executing c. 10,000 man hours accident and incident free.

As you may have noticed, we have also implemented temporary works to support several aged assets identified for repair. These designed scaffolds are integral to ensuring safety and stability as we carry out the necessary restoration measures.

We thank you for your continued support and cooperation during this essential phase of our operations. Together, we are paving the way for a stronger and more efficient future at the Boulby site.



517-255 conveyor gantry interim temporary works designed scaffold

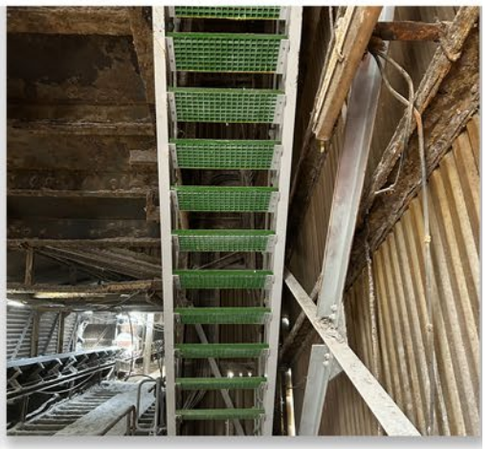
Transfer Tower 17 before



Transfer Tower 17 replacement stairs floor and primary structural steelwork



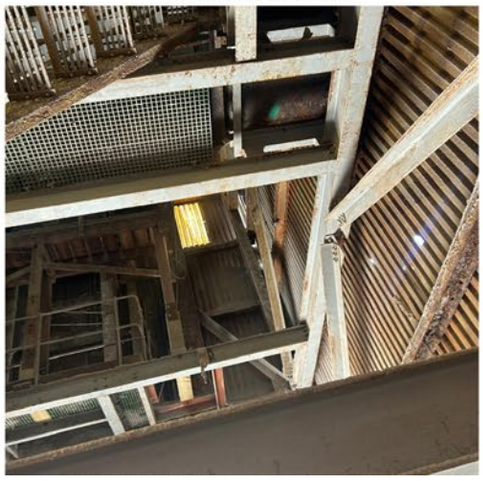
Transfer Tower 17 upper stairs and bracing



Transfer Tower 15 before



Transfer Tower 15 replacement primary structural steelwork



Transfer Tower 15 replacement floor and walkway.



Quality Matters:
THE JOURNEY OF POLYSULPHATE STANDARD TO INDIA



The MV Clipper Kent, a 32,000-ton vessel carrying our Polysulphate Standard product, is currently en route to India, expected to dock at the beginning of July. This shipment marks a significant step in our ongoing commitment to delivering high-quality products tailored to meet specific customer requirements.

Addressing Customer Feedback

Initially, the moisture specification for Polysulphate Standard was set at a maximum of 1.0%. However, based on valuable feedback from our customers in India, it became clear that this level was too high for their needs. In response, we have proactively adjusted our target specification to better align with their expectations, reducing the moisture spec to a maximum of 0.5%, with a target of 0.3%.

We already have a very stringent chemical composition requirement based on the variability in government laboratory testing in India.

To meet all of the above, we have increased our controls both at Boulby and Teesdock:

- The mined grade when stockpiling for these vessels is targeted to be high, ensuring standard grade remains >13.0% K2O.
- The process utilises the bays to ensure this is kept segregated from other product.
- Rail reduced belt water addition to keep moisture levels low.
- Teesdock stockpile material in segregated silo areas to ensure loading is efficient and of the specification required.
- Sampling is increased to monitor both grade and moisture during loading. This allows verification and decisions to be made in-process and ensure material is in specification.

Our dedication to quality reflects our "pick point to customer" philosophy, demonstrating the outstanding fantastic work of all our teams across the business and how integrated we need to be to ensure good quality product is delivered to our customers.

Our efforts underscore the importance of customer feedback in driving continuous improvement. As the MV Clipper Kent makes its way to India, we are confident that our Poly Standard will meet the highest standards of quality.

This represented a step forward in how we think in regard to quality. Prioritising changing customer needs to ensure the product exceeded the specification; a happy customer will be a returning customer!

This highlights the way quality must be at the forefront of all processes, every ton matters!

Testing during loading

Table 1	H_2O	Source
500 tonnes	0.17%	POLY SILO
1000 tonnes	0.15%	POLY SILO
2000 tonnes	0.13%	T78275
3000 tonnes	0.29%	Main Silo
4000 tonnes	0.30%	Main Silo
5000 tonnes	0.24%	T78280
6000 tonnes	0.29%	T78282
7000 tonnes	0.25%	T78284
8000 tonnes	0.21%	Main Silo
9000 tonnes	0.15%	Main Silo
10000 tonnes	0.21%	Main Silo
11000 tonnes	0.27%	T78288
12000 tonnes	0.10%	Main Silo
13000 tonnes	0.20%	Main Silo
14000 tonnes	0.30%	Main Silo
15000 tonnes	0.16%	T78291
16000 tonnes	0.21%	Main silo
17000 tonnes	0.38%	Main silo
18000 tonnes	0.31%	Main Silo
19000 tonnes	0.15%	Main Silo
20000 tonnes	0.19%	Main Silo
21000 tonnes	0.23%	Main Silo
22000 tonnes	0.21%	Main Silo
23000 tonnes	0.21%	Main Silo
24000 tonnes	0.21%	Main Silo
25000 tonnes	0.20%	Poly silo
26000 tonnes	0.24%	Main Silo
27000 tonnes	0.15%	POLY SILO
28000 tonnes	0.19%	T78305
29000 tonnes	0.18%	Poly Silo
30000 tonnes	0.20%	Poly Silo
31000 tonnes	0.16%	Poly Silo
32000 tonnes	0.21%	Poly Silo
AVERAGE	0.21%	

Table 2	K_2O	H_2O
500T H1	13.37	0.2
1000T H1	13.37	0.18
2000T H1	13.48	0.1
3000T H1	13.59	0.29
4000T H1	13.53	0.24
5000T H4	13.54	0.25
6000T H4	13.24	0.26
7000T H4	13.38	0.27
8000T H4	13.25	0.24
9000T H4	13.49	0.08
10000T H4	13.49	0.38
11000T H2	13.38	0.21
12000T H2	13.01	0.24
13000T H2	13.42	0.19
14000T H2	13.62	0.3
15000T H5	13.61	0.07
16000T H5	13.48	0.19
17000T H5	13.41	0.31
18000T H3	13.24	0.2
19000T H3	13.24	0.2
20000T H3	13.54	0.28
21000T H3	13.48	0.27
22000T H2	13.42	0.23
23000T H2	13.19	0.1
24000T H2	13.03	0.18
25000T H5	13.36	0.09
26000T H5	13.44	0.19
27000T H5	13.24	0.15
28000T H3	13.49	0.18
29000T H3	13.44	0.17
30000T H2	13.33	0.21
31000T H5	13.62	0.22
32000T H2	13.53	0.17
Average	13.40	0.21

Left table testing at Teesdock during loading. Right table testing at Boulby labs.

Hold composite analysis highlighting all product in spec:

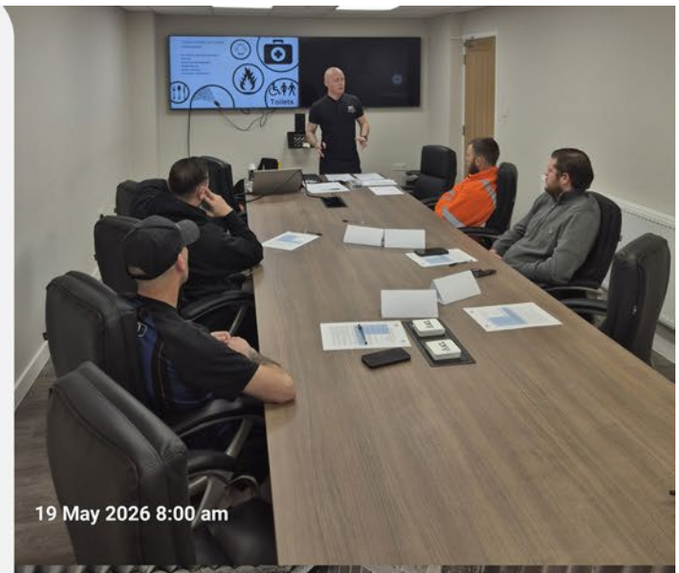
Vessel Name	Date Loaded	Loading No	K_2O	CaO	MgO	S	H_2O
M/V Clipper Kent	05-May-26	POLS2026-31L H1	13.44	16.2	5.7	18.4	0.20
M/V Clipper Kent	07-May-26	POLS2026-31L H2	13.37	16.3	5.7	18.5	0.20
M/V Clipper Kent	11-May-26	POLS2026-31L H3	13.49	16.4	5.7	18.7	0.22
M/V Clipper Kent	06-May-26	POLS2026-31L H4	13.57	16.5	5.8	18.9	0.25
M/V Clipper Kent	11-May-26	POLS2026-31L H5	13.90	16.8	5.9	19.0	0.18
M/V Clipper Kent	11-May-26	POLS2026-31L Comp	13.60	16.5	5.8	19.0	0.21

Teesdock Rescue Training May 2026

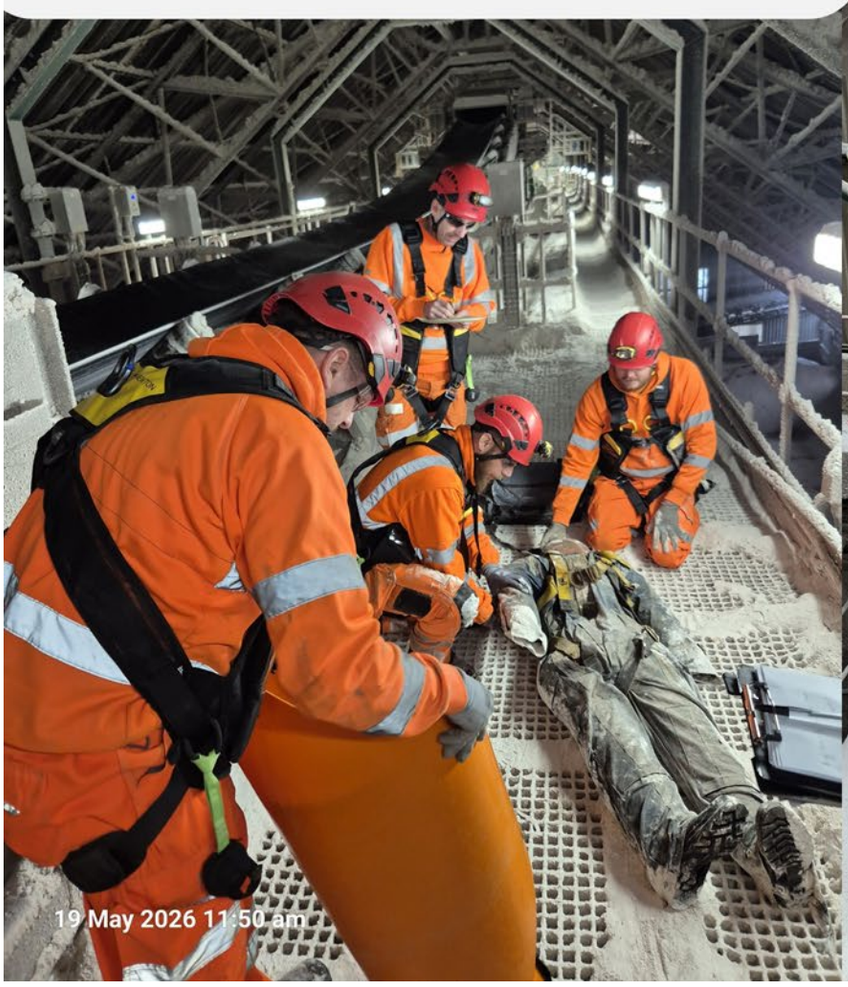
The Teesdock Rescue Team has once again demonstrated its unwavering commitment and dedication to maintaining and enhancing the site's emergency response capability. Through a recent series of training exercises and simulated emergency scenarios, the team showcased the professionalism, discipline, and teamwork required to operate effectively in high-pressure environments.

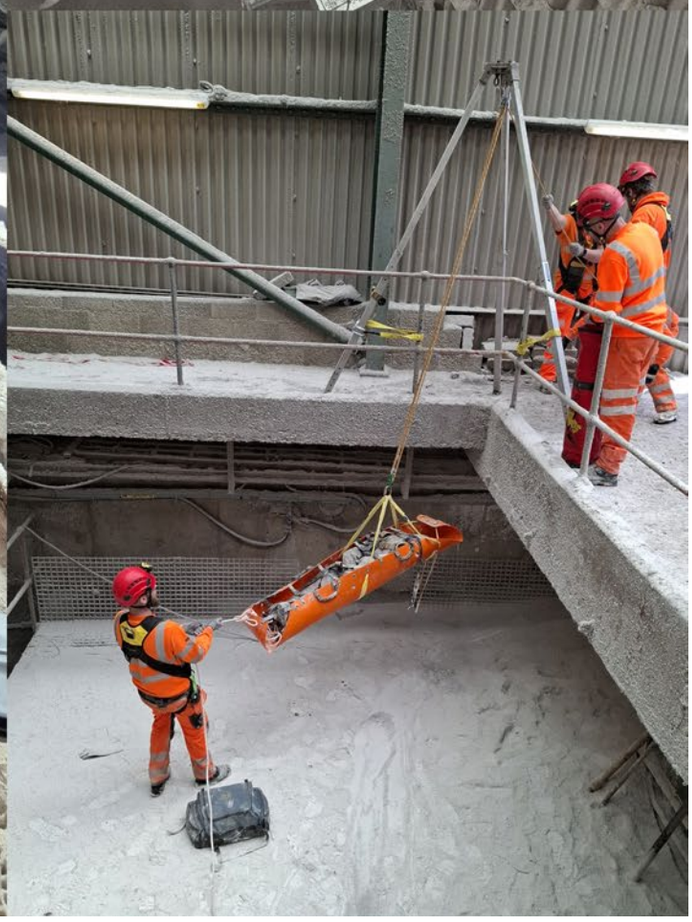
All members displayed determination to ensure that every task is completed safely, efficiently, and to the highest standard. Each member plays a vital role, bringing not only technical skills but also the right mindset—focused, motivated, and prepared to respond when it matters most.

The latest training sessions placed the team in realistic conditions designed to test both their individual competencies and their ability to work collectively. From casualty care and extraction techniques to communication and coordination under pressure, the exercises reinforced the importance of preparation and continuous improvement. This commitment not only strengthens individual capability but also enhances the overall resilience and readiness of the sites rescue team. Every exercise is carried out with strict adherence to procedures and risk assessments, reinforcing the core objective of completing each task without harm. The continued efforts of the Teesdock Rescue Team underline the critical importance of maintaining a well-trained and highly motivated response capability. In summary, the Teesdock Rescue Team has once again proven that through motivation, discipline, and strong teamwork, they can meet the demands of complex rescue operations and deliver safe, effective outcomes.









Workplace Sun Safety & Skin Care



Use Sunscreen Daily

- Choose SPF 30 or higher
- Apply 15–30 minutes before going outside
- Reapply every 2 hours (or after sweating)
- Don't forget easy-to-miss areas such as ears, back of the neck and hands

Cover up and avoid peak sun hours

- Wear lightweight, long-sleeved clothing
- Use wide-brim hats where possible
- Choose UV-protective sunglasses
- UV rays are strongest between 11am and 3pm
- Encourage taking breaks in shaded areas and scheduling outdoor work earlier or later where possible

When checking your skin use the ABCDE rule:

Asymmetry
Border irregular
Colour changes
Diameter growing
Evolving over time

Stay Hydrated

- Sun exposure increases risk of dehydration
- Encourage drinking water regularly and keeping a refillable bottle at desks

Check Your Skin Regularly

- Look out for new moles or changes in existing ones or unusual spots, itching, or bleeding

Be Aware of Cloudy-Day Risk

- Up to 80% of UV rays still get through clouds
- Sun protection is important even when it's not hot or sunny

To learn more about protecting sun care, please scan the QR code and watch the video

YouTube

Contact the medics:
medics@icl-group.com
01287 646523
EXT 3298

3M'S DEEP DIVE: TESTING THE NEXT-GEN PAPR AT BOULBY MINE

3M's Personal Safety Division (PSD) provides a comprehensive range of personal protective equipment (PPE) designed to enhance workers health and safety across industries like manufacturing, construction, and utilities. Products include respiratory protection, hearing protection, fall protection, eyewear, and protective communication solutions.

3M are launching a replacement for their Proflow Series of Powered Air Purifying Respirators (PAPR). Atmospheric testing had already been carried out in a hyperbaric chamber, in order to test the air density compensation of the unit, enabling the PAPR to be used at varying altitudes and depths.



The objective of was to take the PAPR down ICL Boulby to carry out further tests. Boulby was specifically selected as this is the the deepest mine in the UK.

Project plan

- Support the operating depth claim of 1.2 km below sea level (BSL)
- Confirm correct operation of the PAPR under elevated atmospheric pressure and air density conditions







The site testing at Boulby Mine confirms that the PAPR:

- Operates reliably at depths up to 1.2 km below sea level
- Maintains airflow performance under high pressure and high air density conditions
- Provides consistent calibration behaviour across multiple depths
- Is suitable to support an operating depth claim of 1.2 km BSL, subject to updating the configured pressure sensor range limit

3M would like to would like to extend a big THANK YOU to Andy Dowson, Richard Severn and their amazing colleagues for facilitating the trip down the mine. We appreciate that it took a lot of preparation to enable this to happen.

An additional thank you to Vic Tosh, Joel Millar and Paul Medd who accompanied us - thank you for sharing your knowledge and patience!



From Rock to Road: Visit from representatives of Leeds City Council

Earlier this month, we hosted representatives from Leeds City Council for an underground visit and salt presentation. During their time with us, they explored the Salt District and observed our mining operations at a polyhalite district.

The visit provided valuable insight into the origins of the salt used to grit many of the roadways across the UK.



The group commented on how fascinating the mine was and nothing like they expected!

BOULBY MINE WELCOMES NATIONAL PARK COLLEAGUES FOR UNIQUE STUDY VISIT



Boulby mine holds a distinctive place within the North York Moors National Park, blending industrial activity with one of the UK's most treasured landscapes. On 16 May, we were proud to host a visit from National Park staff representing sites across the country.

The study trip led by Donna Bennison, Paul Byrski and Dave Adams, brought together a group of eight National Park professionals, all keen to deepen their understanding of the diverse landscapes, heritage, and working partnerships that make the UK's National Parks so special. As part of their visit, the group toured Boulby's polyhalite mining districts and were given an insight into the Boulby Underground Laboratory.

The purpose of the visit was not simply to showcase our mining operations but also to highlight the important relationship between Boulby Mine and the North York Moors National Park. By opening our doors, we contributed to a wider effort to showcase the balance between industry, conservation, and cultural heritage across the UK.

Visitors were particularly struck by the uniqueness of Boulby's operations. The underground laboratory, proved to be a highlight of the visit.

Feedback from the group was positive, with participants describing themselves as "intrigued" and "amazed" by what they experienced. The visit offered a fresh perspective on how National Parks can successfully accommodate essential industry while preserving their natural and cultural value.

We are delighted to have played a part in this important knowledge-sharing initiative and look forward to continuing our strong relationship with the North York Moors National Park.

Poly Plant:
The plant produced 74,020 tonnes of Granular and Standard product in May, performing steadily and finishing just below budget. The average run rate was 112 tph, with an average daily run time of 21.2 hours. Granular yield reached 46.8%, slightly under the 47% target. Work continues on improving crusher control in the poly plant, and plans are in place to investigate PSD across different areas of the mine to better understand its impact on poly plant performance. GRN grades remained consistently strong throughout the month, averaging 14.6% K_2O for granular product.

PotashpluS Plant:
A strong performance from the plant, operating for 24 days, producing 17,859 tonnes of PotashPlus 37%. The average run time was 19.4 hours per day, and the average run rate was 40 tph. Average K_2O for PotashPlus 37% was 37.9%, and average degradation was 3.1%. The average gas consumption was 185 kWh/t. Gas consumption of 185kw/t was high with the focus on producing a quality product.

Salt Plant:
A total of 21,420 tonnes of 6 mm salt were processed and shipped during the month. An additional 5011 tonnes of 10 mm salt was moved by road. There were no significant delays during May. The average plant run rate was 220 tph (12 skips per hour). Anti cake consumption averaged 45 ppm during the month. Work is ongoing to investigate and improve the salt plant run rate and skips per hour.

The most significant breakdowns Poly Plant:

- 20 hours of delay caused by PLC issues.
- 13 hours of delay due to CV1 conveyor repairs

Significant breakdowns PotashpluS plant:
During 37% production

- 16 hours of delay due to FEL repairs
- 8.5 hours of delay due to Network rail delay
- 6 hours of delay due to A dryer lighting issues

Product	Target	Actual
Poly Hoist	78,000	74,020
Salt Hoist	30,000	21,420
Total Poly Processed	72,059	71,346
PotashpluS 37% Produced	10,407	17,85
PotashpluS 45% Produced		

Production Figures

May 2026

Cleveland Potash
Social Club

Social Club Draw June 2026
Winners:
1st Graham Allison - 103501 - £200
2nd Craig Lawton – 103543 - £150
3rd Katie Robinson – 104235 - £100

CPL.SocialClub@icl-group.com

The Social Club subsidises events to keep them affordable for everyone. Please let us know as soon as possible which events you're interested in, and feel free to share any other suggestions.

Tickets are subject to availability.

Fishing Trip departs 08.30am all day aboard the Three Sisters from Staithes Please let us know if you are interested in any other dates or a Wildlife Trip later in the year.

Saturday 11th July Summer Sounds Rock/Pop Legends Tributes at Guisborough Rugby Club - Closing Date 30/06/2026

Tuesday 14th to Friday 17th July 2026 Great Yorkshire Show tickets are for 1 specified day only. Closing Date 26/06/2026

Tuesday 21st July 2026 11:00 am Cricket Yorkshire v Hampshire at Scarborough Cricket Ground. Closing Date 10/07/2026

Friday 31st July, Saturday 1st August & Sunday 2nd August 2026 Whitby Traction Engine Rally – with Live Music and Fireworks Saturday Evening tickets are for 1 specified day only. Closing Date 10/07/2026

Tours of Whitby Brewery and Music Events – throughout the Summer, places are very limited so please let us know if you are interested then we can arrange a suitable date. Live Bands on Friday and Saturday evenings 19:00 to 21:00 then the brewery closes.

Friday 7th August 2026 11:00am Cricket Yorkshire v Derbyshire Falcons at Scarborough Cricket Ground. Closing Date 31/07/2026

Wednesday 26th August Egton Show - Closing date 31/07/2026

Saturday 19th September 2026 Stokesley Show Tickets
Closing date 24/08/2026

Saturday 17th October Ultimate Rave Bingo at the Royal Hotel Whitby starts at 17:30 to 22.30. Closing date 30/09/2026

Pantomime in December Shutdown
Venue and date TBC please express your interest.

To book any of the above a £10.00 deposit is required per ticket this will be refundable after you have attended the event.

Email CPL.SocialClub@icl-group.com with any ideas.
Look out for our posters and membership application forms in the ESB Building and MSB Building near the clocking in/out machines

USEFUL LINKS & INFORMATION

Careers

ICL

CHAMPION

Boulby Mine Community Hub

THE DOME
DETERMINATION OF MIND & EXERCISE



Defibrillator Locations Across Boulby

Have your say!

If you have anything you would like to see featured in our monthly newsletterplease contact:

David.Adams@icl-group.com

Follow us on:

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EXT 3298