

PO Box 1948
Sunninghill
2157
25th May 2026
TCR26493

Council for Geoscience
Private Bag X112
Pretoria
0001

To Whom it May Concern

NOTE FOR THE RECORD: SOLE SUPPLIER OF INTELICORE®

This letter serves as confirmation that GeoSpectral Imaging (Pty) td t/a TerraCore Africa (TerraCore) is the sole supplier of the software platform IntelliCore®. The platform is maintained and developed exclusively by TerraCore. The platform Intellectual Property is owned by TerraCore and the rights to use the platform are granted through TerraCore on a renewable license basis.

Yours faithfully



Dave Browning
CEO

MAY 25, 2026



COUNCIL FOR GEOSCIENCE
INTELLICORE PROPOSAL

CONFIDENTIAL
CGS – SOUTH AFRICA

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Introduction

TerraCore is pleased to be able to offer the following proposal to the Council for Geoscience. This proposal includes pricing for:

- IntelliCore® Service Provider Licensing
- Processing Support Services
- Processing and QAQC Tasks

The proposal is for the renewal of the annual license with effect from the 1st of July 2026. Due to development changes that are in progress future licenses may have a different pricing structure based on the software offerings.

About TerraCore

TerraCore is a leading hyperspectral core imaging solutions business, with main offices located in Johannesburg in South Africa and Reno, Nevada, USA, and operations that span the globe. TerraCore was established in 2015 via the merger of TerraCore International and GeoSpectral Imaging, both companies having been established in 2012. TerraCore currently employs a diverse mix of spectral geologists, image processors, mathematicians, and operations engineers to ensure that the full span from instrument set-up to delivery of information is expertly covered.

TerraCore offers a unique combination of hyperspectral core imaging systems married to our comprehensive IntelliCore® data processing suite and visualization platform. Our core imaging systems offer a flexible selection of hyperspectral cameras designed to capture critical mineralogical information across the entire infrared range, including the only commercially available long-wave infrared (LWIR) cameras. Our standard offering includes high resolution core photography (RGB) in combination with visible near infrared (VNIR) and short-wave infrared (SWIR) cameras. LWIR cameras can be added to the standard offering to increase the hyperspectral range for expanded mineralogy analysis. Our systems are completely mobile, allowing us to operate everywhere from the laboratory to inside the core yard, even at remote locations. With production rates of +1000 metres per 8-hour day, and on-site processing capability, we can provide a rapid and cost-effective solution.

We take the view that the client is the owner of the data, and so besides the facility to view data and products through IntelliCore® we also make all data and products available to the client for viewing and manipulation through third-party software platforms, especially for 3-D visualization.

We have a long track record of delivering quality information to our clients, who include mining companies, oil & gas companies, governments, and research organizations. To date, we have imaged and delivered data from over 2000km of core of which approximately 60% includes long-wave infrared data. We maintain a focused R&D component, to ensure that we remain at the cutting edge of hyperspectral technology, new data processing approaches, and effective extraction of the critical geological, geometallurgical and environmental information that only hyperspectral core imaging can provide.



Proposal

The Council for Geoscience has requested a proposal from TerraCore for an IntelliCore® Solution License for a three-year contract to operate alongside their Core Imaging System. IntelliCore® is a platform allowing the processing, management, and visualization of hyperspectral core imaging data. The data is accessed and visualized through the TerraCore cloud-based system, IntelliCore®.

TerraCore offers several different licenses for IntelliCore®:

- IntelliCore® Standard
- IntelliCore® Professional
- IntelliCore® Service Provider

IntelliCore® Service Provider allows the creation and processing of imaging projects and is recommended for the Council for Geoscience and their Hyperspectral Core Imaging system.

As the data management and processing is a rapidly advancing field for hyperspectral core imaging so too is the development of the systems supporting that task. For these reasons TerraCore will support the Council of Geoscience in completion of tasks as new functionality is rolled out.

IntelliCore® Service Provider License

IntelliCore® Service Provider License – Inclusions

IntelliCore® Service Provider License including:

- Service Provider access rights to system
- IntelliCore® Control and management
 - Project and client management
- IntelliCore® Portal for import and export of data
- IntelliCore® Processing System
 - Processing workflow management and monitoring
 - Workflow execution
- Spectral Classification Tool
 - Interpretation of spectral data
 - Mineral map generation
- User Management
 - Unlimited user access
 - Management of user roles

IntelliCore® Service Provider License Fees	Currency	Exclusive VAT	Inclusive VAT
IntelliCore® Service Provider License fee per annum:			
01 July 2026 – 30 June 2027	ZAR	773 045.00	889 001.75
01 July 2027 – 30 June 2028		850 350.00	977 902.50
01 July 2028 – 30 June 2029		935 385.00	1 075 692.75
Total		2 558 780.00	2 942 597.00

Additional Processing Services

Processing Services Support

Processing and Data Management:

- Standard Processing

QAQC and Editing Tasks:

- Box extract per image / camera
- Core masking per box

Spectral Consulting Support:

- Spectral Expert Consulting

Processing Services Fees	Currency	Exclusive VAT	Inclusive VAT	
Standard Processing (per metre):				
01 July 2026 – 30 June 2027	ZAR	145.20	166.98	
01 July 2027 – 30 June 2028		159.70	183.66	
01 July 2028 – 30 June 2029		175.65	202.00	
Box extracts (per image / camera):				
01 July 2026 – 30 June 2027		4.40	5.06	
01 July 2027 – 30 June 2028		4.85	5.58	
01 July 2028 – 30 June 2029		5.35	6.15	
Core masking (per box):				
01 July 2026 – 30 June 2027		13.30	15.30	
01 July 2027 – 30 June 2028		14.65	16.85	
01 July 2028 – 30 June 2029		16.10	18.52	
Spectral consulting (per hour):				
01 July 2026 – 30 June 2027		2 260.00	2 599.00	
01 July 2027 – 30 June 2028		2 486.00	2 858.90	
01 July 2028 – 30 June 2029		2 735.00	3 145.25	

General Terms and Conditions

- Quote is valid until June 30, 2026.
- Prices are in ZAR (South African Rands).
- Prices are given including and excluding VAT. If the VAT rate is increased during the licensed period, then TerraCore reserves the right to increase their rates accordingly.
- Payment schedules:
 - Annual License Fee
 - Payable at start of license period.
 - Processing services and support
 - Monthly payment for services rendered during the prior month.
- Payment terms are 30 days from date of invoice.

Limited Liability

TerraCore shall in no event be liable for loss of production, loss of business, loss of profits or loss of use, loss of data or revenue, damage to property, or for any special, indirect, incidental or consequential damages.

APPENDIX 1 – PROCESSING SYSTEM

IntelliCore®

IntelliCore® is TerraCore’s proprietary application for real-time exploration of spectral data. Access to data is only granted to users specified by the client. Access is also granted at different permission levels, depending on the client’s recommendations.

IntelliCore® requires an internet connection to verify login credentials, thereafter, data will be cached locally on a user’s machine. The specific URLs which require clearing from the client’s IT department will be provided once acquisition has commenced.

Data evaluation, QAQC, editing and exploration can be undertaken through the IntelliCore® platform. IntelliCore® enables image data, digital data, and spectral data to be reviewed by the users from any location globally. It provides a mechanism of getting more geologists to visit the core virtually and undertake geological interpretation using the image data. Integration of other drill core data is possible through IntelliCore®. TerraCore understands that the true power of this data lies in the user’s ability to understand the various products which are provided.



Screenshot taken of TerraCore’s IntelliCore® platform

APPENDIX 2 – DATA PROCESSING

Processing Center

Data processing will be managed from TerraCore's secure data center in Johannesburg utilising TerraCore's proprietary processing and exploration solution, IntelliCore®. Most product data are securely stored in Amazon's S3 server which is only accessible via IntelliCore®.

Processing Levels

The table below details the levels of processing which can be applied to acquired hyperspectral data. An important note: the processing levels presented here do not necessarily need to be carried out sequentially, for example, data warehousing is carried out immediately after level 0 and at other points in the sequence.

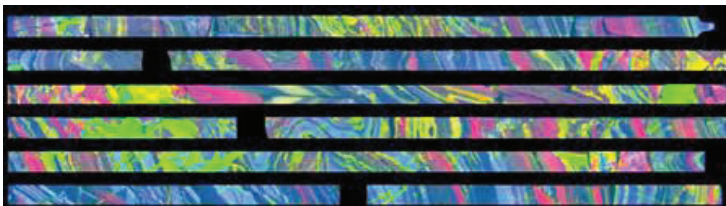
Level	Description	Details
Level 0	<i>Data Acquisition</i>	- Raw data - QC and corrected data
Level 1	<i>Data Correction</i>	- Reflectance correction - Data smoothing and correction
Level 2	<i>Data Preparation</i>	- Core box mask generation - Masking of reflectance data
Level 3	<i>Spectral Processing</i>	Spectral feature extraction
Level 4	<i>Spectral Interpretation</i>	Enhanced spectral feature images
Level 5	<i>Product Generation</i>	- Image product generation - Digital data extraction
Level 6	<i>Data Warehousing</i>	- Raw QC data archive - Processed data backup

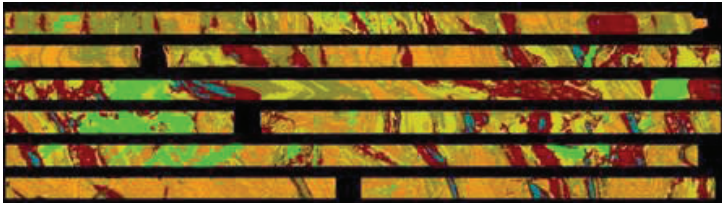
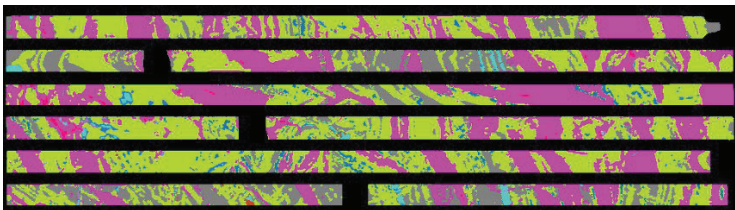
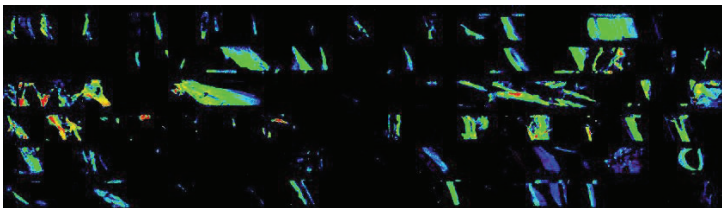
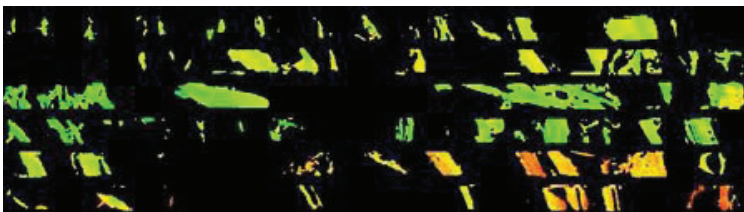
The volume of data which can be captured on an annual basis can vary depending on a variety of operational conditions. As a result, we propose an annual / bulk processing fee to cater for this variation.

The full suite of processing tools can be applied to the dataset at any point after it has been acquired, and to any specified level. Alternatively, a selection of boreholes can be made and processed to any level at any point after acquisition.

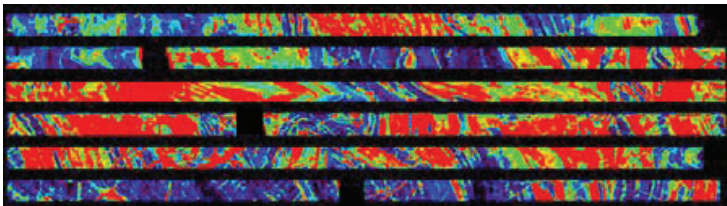
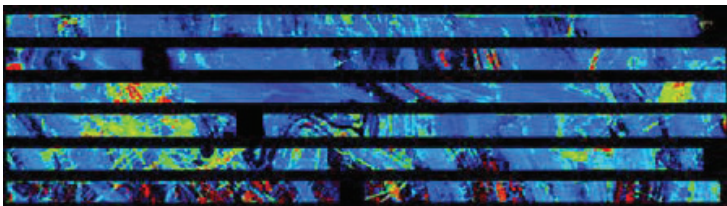
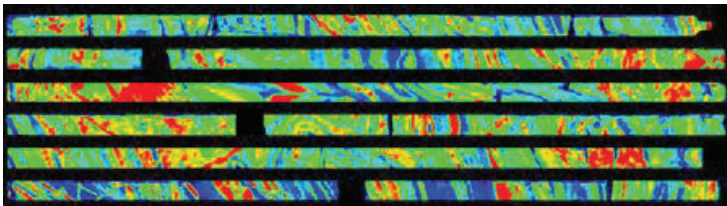
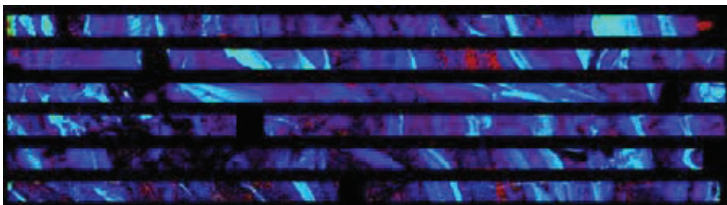
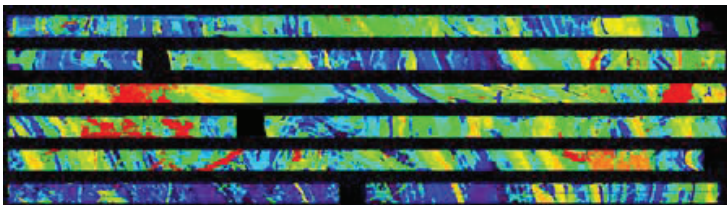
Examples and descriptions of processing products are shown in Appendix 4.

APPENDIX 3 – PRODUCT EXAMPLES

<i>Colour Images (show samples in natural and false colours in order to highlight spectral and textural variation)</i>		
<i>Product</i>	<i>Sample Image</i>	<i>Description</i>
<i>False Colour Composite (FCC Image)</i>		Composed of 3 bands selected from the infrared wavelength ranges for VN-SWIR and LWIR. Highlights textural information.
<i>Natural Colour (RGB Image)</i>		High resolution (typically 0.16 mm), natural colour photograph of dry drill core/sample.
<i>Enhanced</i>		False colour image highlighting areas of spectral variation. Here colours are not assigned any particular interpretation, however, different colours indicate regions with specific spectral characteristics.
<i>Core Mask</i>		Mask used to extract relevant (i.e. from the core) spectral data from areas of extraneous data e.g. core tray or scanning table.

<i>Spectral Interpretation Images: Mineral Maps and Mineral Indices</i>		
<i>Product</i>	<i>Sample Image</i>	<i>Description</i>
<i>Mineral Assemblages (Spectral Facies)</i>		Maps classes of different colours based on spectral variation. Each class is interpreted by a spectral geologist and assigned a mineral/mineral mixture name, for which a legend is generated.
<i>Mineral Dominance</i>		Mineral map generated from dominant mineral match against a spectral library. The image is a classification image and the colours represent the dominant mineral in the spectral signature.
<i>Mineral Presence</i>		Map of the presence of a specific mineral in the image. It is a presence map and does not consider mixtures with other minerals. It also does not indicate the mineral abundance.
<i>Mineral Spectral Abundance</i>		Spectral abundance of specified mineral. High spectral abundances are in red (hotter colours) and lower spectral abundances are in cooler colours (blue).
<i>Mineral Indices</i>		Mineral index of mineral compositional changes across the image. The composition is monitored by wavelength changes of the main mineral absorption feature. The index is masked so that the composition is only observed where mineral is present.

Spectral Processing Images: Spectral Parametres and Spectral Indices

Product	Sample Image	Description
<i>Spectral Parametre Depths</i>		Maps the depth of the deepest absorption feature between the specified wavelengths. These absorption parameters are associated with bonds and can be unique to different mineral groups or species.
<i>Spectral Parametre Wavelengths</i>		Maps the wavelength position of the deepest absorption feature between the specified wavelengths. This wavelength parameter is associated with the depth feature parameter.
<i>Albedo</i>		Image illustrating areas of highest and lowest reflectance. Warm colours show high reflectance while cold colours show areas of low reflectance. This data set can give an indication of core quality.
<i>Spectral Indices</i>		Image illustrating variations of specific spectral indices. Warm colours show high values while cold colours show areas of low values. These images provide an indication of changes in the core.
<i>Classification Images</i>		Maps classes of different colours based on spectral variation. The number of classes is defined during processing. The classes are assigned to rainbow colour pallet to highlight spectral and textural variation in the image.

Borehole	FromDepth	ToDepth	Depth	Ab	AlOHMin	Am	CaI	Chi	Cly-Qtz	FltRsp	Null	Qtz	Qtz-Cly	Qtz-Fsp	Ab perc	AlOHMin	Am perc	CaI perc	Chi perc	Cly-Qtz perc	FltRsp per	Qtz perc	Qtz-Cly perc	Qtz-Fsp perc
BCD-104-1	0	0.1	0.05	0	0	0	0	0	586	0	0	1	101	487	0	0	0	0	0	49.87234	0	0.085106	8.595745	41.44681
BCD-104-1	0.1	0.2	0.15	0	0	0	0	0	262	0	0	36	307	637	0	0	0	0	0	21.09501	0	2.898551	24.7182	51.28825
BCD-104-1	0.2	0.3	0.25	0	0	0	0	0	159	0	0	3	396	462	0	0	0	0	0	15.58823	0	0.294118	38.82353	45.29412
BCD-104-1	0.3	0.4	0.35	0	0	0	0	0	102	0	0	139	760	6	0	0	0	0	0	10.1291	0	13.80338	75.47169	0.595829
BCD-104-1	0.4	0.5	0.45	0	0	0	0	0	62	0	0	419	214	62	0	0	0	0	0	8.190225	0	55.35007	28.26949	8.190225
BCD-104-1	0.5	0.6	0.55	0	0	0	0	0	464	0	0	413	136	202	0	0	0	0	0	38.1893	0	33.99177	11.19342	16.62551
BCD-104-1	0.6	0.7	0.65	1	0	0	0	0	282	0	0	71	352	228	0.107066	0	0	0	0	30.19272	0	7.601713	37.68737	24.41113
BCD-104-1	0.7	0.8	0.75	0	0	0	0	0	391	0	0	7	438	220	0	0	0	0	0	37.02652	0	0.662879	41.47727	20.83333
BCD-104-1	0.8	0.9	0.85	0	0	0	0	0	420	0	0	249	205	110	0	0	0	0	0	42.68293	0	25.30488	20.83333	11.17886
BCD-104-1	0.9	1	0.95	0	0	0	0	0	42	0	0	1167	73	10	0	0	0	0	0	3.250774	0	90.32508	5.650155	0.773994
BCD-104-1	1	1.1	1.05	0	0	0	0	0	45	0	0	1216	55	7	0	0	0	0	0	3.401361	0	91.91232	4.157218	0.529101
BCD-104-1	1.1	1.2	1.15	0	0	0	0	0	179	0	0	723	97	42	0	0	0	0	0	17.19501	0	69.45245	9.317964	0.034582
BCD-104-1	1.2	1.3	1.25	0	0	0	0	0	686	0	0	103	242	175	0	0	0	0	0	56.88226	0	8.54063	20.06634	14.51078
BCD-104-1	1.3	1.4	1.35	0	0	0	0	0	301	0	0	11	412	394	0	0	0	0	0	26.92308	0	0.9839	36.85152	35.2415
BCD-104-1	1.4	1.5	1.45	0	0	0	0	0	528	0	0	258	209	172	0	0	0	0	0	45.24422	0	22.10797	17.90917	14.73865
BCD-104-1	1.5	1.6	1.55	0	0	0	0	0	357	0	0	725	104	50	0	0	0	0	0	28.80015	0	58.69038	8.407437	0.042037
BCD-104-1	1.6	1.7	1.65	0	0	0	0	0	559	0	0	411	149	76	0	0	0	0	0	46.77824	0	34.39331	12.46862	6.359833
BCD-104-1	1.7	1.8	1.75	0	0	0	0	0	503	0	0	224	496	96	0	0	0	0	0	38.13495	0	16.98256	37.60424	7.27241
BCD-104-1	1.8	1.9	1.85	0	0	0	0	0	818	0	0	143	125	36	0	0	0	0	0	72.90533	0	12.7451	11.14082	3.208556
BCD-104-1	1.9	2	1.95	0	0	0	0	0	160	0	0	6	220	551	0	0	0	0	0	17.07577	0	0.640342	23.47919	58.8047
BCD-104-1	2	2.1	2.05	0	0	0	0	0	327	0	0	2	579	278	0	0	0	0	0	27.57167	0	0.168634	48.81956	23.44013
BCD-104-1	2.1	2.2	2.15	0	0	0	0	0	393	0	0	103	239	472	0	0	0	0	0	32.56007	0	8.533554	19.80116	39.10522
BCD-104-1	2.2	2.3	2.25	0	0	0	0	0	762	0	0	121	352	37	0	0	0	0	0	59.90566	0	9.512579	27.67296	2.908805
BCD-104-1	2.3	2.4	2.35	0	0	0	0	0	1029	0	0	10	62	211	0	0	0	0	0	78.42988	0	0.762195	4.72561	16.08232
BCD-104-1	2.4	2.5	2.45	0	0	0	0	0	1031	0	0	0	82	145	0	0	0	0	0	81.95548	0	0	6.518283	11.52623
BCD-104-1	2.5	2.6	2.55	0	0	0	0	0	185	0	0	548	388	136	0	0	0	0	0	14.71758	0	43.59586	30.86714	10.31941
BCD-104-1	2.6	2.7	2.65	0	0	0	0	0	5	0	0	969	321	109	0	0	0	0	0	0.356125	0	69.0171	22.86325	7.763533
BCD-104-1	2.7	2.8	2.75	0	0	0	0	0	0	0	0	1080	294	30	0	0	0	0	0	0	0	76.92308	20.94017	2.136752
BCD-104-1	2.8	2.9	2.85	0	0	0	0	0	1	0	0	1179	208	10	0	0	0	0	0	0.071531	0	84.33476	14.8784	0.715308
BCD-104-1	2.9	3	2.95	0	0	0	0	0	324	0	0	530	307	20	0	0	0	0	0	27.43438	0	44.87722	25.99492	1.69348
BCD-104-1	3	3.1	3.05	0	0	0	0	0	640	0	0	58	304	131	0	0	0	0	0	56.4872	0	5.119153	26.83142	11.56222
BCD-104-1	3.1	3.2	3.15	0	0	0	0	0	419	0	0	373	387	171	0	0	0	0	0	31.03704	0	27.62963	28.66667	12.66667
BCD-104-1	3.2	3.3	3.25	0	0	0	0	0	70	0	0	421	724	135	0	0	0	0	0	5.185185	0	31.18518	53.62963	10
BCD-104-1	3.3	3.4	3.35	0	0	0	0	0	144	0	0	876	175	87	0	0	0	0	0	11.23245	0	68.33073	13.65055	6.786272

Example of interval data – mineralogy

Borehole	FromDepth	ToDepth	Depth	D1300:245	D1350:145	D1390:145	D1700:180	D1880:202	D2150:215	D2180:223	D2239:227	D2270:225	D2290:233	D2300:237	D2370:242
BCD-104-1	0	0.1	0.05	19.19339	6.190587	5.963791	2.13875	19.15962	0.380825	6.814342	10.13223	1.708252	5.424089	9.753024	1.630382
BCD-104-1	0.1	0.2	0.15	21.76674	7.293096	7.0723	2.053649	19.41372	0.335666	6.911616	13.57321	1.159556	5.111496	13.9117	1.180015
BCD-104-1	0.2	0.3	0.25	21.34915	7.69619	7.395558	2.95276	15.76862	0.288696	5.468009	17.35633	0.866313	5.263703	17.34747	1.477469
BCD-104-1	0.3	0.4	0.35	17.34529	6.499761	6.011391	3.699278	15.47908	0.435856	8.960813	10.70121	1.063993	4.620562	11.72722	2.440557
BCD-104-1	0.4	0.5	0.45	20.48788	6.365649	6.067607	5.52669	15.66853	0.343566	9.032222	12.4769	1.547901	9.930376	13.951	1.22349
BCD-104-1	0.5	0.6	0.55	18.39336	6.686563	6.465839	1.691653	15.29295	0.219249	8.748589	15.56273	1.287772	5.771413	14.58697	0.880227
BCD-104-1	0.6	0.7	0.65	20.1029	4.811309	4.575934	3.489688	18.3134	0.479811	6.655665	13.05128	1.678823	9.581432	14.8165	1.77768
BCD-104-1	0.7	0.8	0.75	19.10701	6.694191	6.382281	1.765459	15.73098	0.399707	8.389714	15.41663	0.789632	5.711678	14.75104	0.941749
BCD-104-1	0.8	0.9	0.85	15.88282	5.138992	4.581172	2.70629	15.38636	1.196991	5.98112	10.64674	1.866296	6.380025	10.2772	2.864196
BCD-104-1	0.9	1	0.95	14.11589	4.79206	4.663101	1.445622	12.3227	0.322109	5.479315	11.37624	0.780572	4.017517	10.50505	1.084828
BCD-104-1	1	1.1	1.05	17.22299	6.534926	6.431667	1.13049	14.0576	0.0567	10.82839	15.11661	0.425219	2.604094	14.65085	0.586442
BCD-104-1	1.1	1.2	1.15	18.96973	6.63942	6.242852	1.491247	15.21027	0.525093	9.47519	15.66085	0.6028	2.449578	14.91496	0.934593
BCD-104-1	1.2	1.3	1.25	21.91697	7.534436	7.125343	1.720727	21.66323	0.298124	8.482524	10.58857	1.410362	4.37037	10.50668	1.702446
BCD-104-1	1.3	1.4	1.35	21.94718	9.081305	8.815929	1.407877	21.78842	0.17525	10.52877	12.8313	1.242224	4.371722	12.60779	1.367725
BCD-104-1	1.4	1.5	1.45	21.40579	7.588825	7.227992	1.676294	21.12208	0.309603	8.729579	9.477916	1.347121	4.36332	9.633902	1.84187
BCD-104-1	1.5	1.6	1.55	16.94624	5.098869	4.460452	1.94398	15.57346	0.551071	4.298461	10.11645	1.288207	4.580881	10.22404	1.614707
BCD-104-1	1.6	1.7	1.65	16.90119	4.586567	3.994976	2.40082	16.68108	0.706445	4.475076	9.187863	1.365319	5.868004	9.727614	2.11764
BCD-104-1	1.7	1.8	1.75	16.97304	5.942162	5.387416	1.850182	16.94168	0.618754	7.20529	9.85797	1.72476	4.331522	9.113608	2.374053
BCD-104-1	1.8	1.9	1.85	20.48682	6.734112	5.934901	2.337452	20.44937	0.442529	8.015002	9.338892	1.421892	4.173265	9.169764	2.251019
BCD-104-1	1.9	2	1.95	25.68268	10.349	7.828361	1.73411	25.63401	0.370025	8.798275	13.105	1.453448	4.727792	12.47296	1.18374
BCD-104-1	2	2.1	2.05	22.85941	8.744761	8.366745	1.339759	22.59862	0.16305	10.33071	13.0626	1.305436	4.667081	12.54723	1.272501
BCD-104-1	2.1	2.2	2.15	22.07535	8.985493	8.729546	1.281514	22.03524	0.176075	11.44492	9.232811	1.354973	3.267885	9.399827	1.449878
BCD-104-1	2.2	2.3	2.25	29.65743	11.45801	11.3559	1.257521	29.55252	0.124295	10.30946	6.852203	1.642507	3.047807	6.870379	1.683945
BCD-104-1	2.3	2.4	2.35	28.25147	10.45648	10.25667	1.369592	28.21059	0.182647	11.12228	9.543001	2.251876	3.794658	8.528396	1.908297
BCD-104-1	2.4	2.5	2.45	28.89238	11.10724	11.04699	2.008508	28.05636	0.068328	10.23425	5.575721	2.203714	3.906773	6.271226	2.025952
BCD-104-1	2.5	2.6	2.55	24.19387	8.032801	7.09947	6.139265	17.62469	0.76119	8.587815	10.84084	0.943327	1.10471	17.69207	5.44499
BCD-104-1	2.6	2.7	2.65	18.60931	6.982412	6.853261	1.813176	14.33465	0.140436	10.00136	17.47215	0.367281	4.208689	17.69194	0.413178
BCD-104-1	2.7	2.8	2.75	20.65937	7.866833	7.914536	1.486125	15.82125	0.034102	8.940593	19.30125	0.431088	3.790063	19.74375	0.367024
BCD-104-1	2.8	2.9	2.85	17.28252	6.68833	6.743446	1.138661	13.67509	0.092059	9.330746	16.05872	0.455563	2.129823	15.90044	0.397657
BCD-104-1	2.9	3	2.95	19.83828	7.024501	6.508705	1.659239	18.74858	0.4398	6.633596	11.36284	1.29833	4.009592	11.04641	1.448232
BCD-104-1	3	3.1	3.05	24.68719	8.519034	8.069154	1.662045	24.48936	0.488165	9.170955	7.856234	1.256942	2.129805	7.752651	2.176856
BCD-104-1	3.1	3.2	3.15	22.12017	7.276406	6.442249	1.348687	21.51227	0.32028	9.551096	9.510715	1.520318	3.419098	8.459053	1.77502
BCD-104-1	3.2	3.3	3.25	17.28471	5.9063	5.783907	1.215042	14.94365	0.339065	7.742148	13.11852	1.045045	3.349237	12.43659	1.065243
BCD-104-1	3.3	3.4	3.35	17.10839	5.514632	5.329539	1.254959	16.96532	0.200461	8.897364	9.244232	0.989766	2.354764	9.052051	1.457055