0:0:0.0 --> 0:0:13.240  
Johnson, Michaela R  
All right. So welcome just to make sure you know you're in the right place. Where you gonna cover the national index of or the national geological and geophysical Data preservation program or FY20 23 program announcement?

0:0:14.380 --> 0:0:17.190  
Johnson, Michaela R  
I think Patty Lipinski is here with me today as well.

0:0:17.580 --> 0:0:33.460  
Johnson, Michaela R  
And she she may be able to answer questions on the Earth samurai, but I can't. And if not, we'll connect those with Warren Day. Might be Eastman. Our contract specialist is likely on the phone today as well. And then Lindsey will be joining us a little bit later.

0:0:35.150 --> 0:0:42.80  
Johnson, Michaela R  
So we have some exciting changes this year with the bipartisan infrastructure law and I'm excited to be able to communicate those to you.

0:0:44.90 --> 0:1:4.700  
Johnson, Michaela R  
Because the next screen so first go over our program background, it's good to give an idea of what we do, why we're established, I'll go over the program announcements, the priorities for this year some ancillary grant requirements, few tips for successful reports proposals and then provide our contact information.

0:1:8.900 --> 0:1:9.390  
Johnson, Michaela R  
So.

0:1:10.890 --> 0:1:11.430  
Johnson, Michaela R  
See.

0:1:16.310 --> 0:1:17.140  
Johnson, Michaela R  
Right, not that.

0:1:17.910 --> 0:1:32.210  
Johnson, Michaela R  
So this year we have the the bipartisan infrastructure law that has made a few changes for us, is certainly provided us additional funding to be able to provide you also with additional funding and support more work.

0:1:33.700 --> 0:2:4.410  
Johnson, Michaela R  
We strive to advance the preservation of physical samples in our science assets for future use to form new scientific discovery, hazard mitigation and infrastructure, natural resources in green energy development, and support for critical minerals work. So this year we received an additional 8 point, almost 7,000,000 for the next three years we will receive an additional 5,000,000 for the bipartisan infrastructure law funding and these totals are in addition to our approximately 1.7.

0:2:4.610 --> 0:2:7.580  
Johnson, Michaela R  
Or 1.6 million annual appropriated funding.

0:2:9.220 --> 0:2:40.290  
Johnson, Michaela R  
So the Energy Policy Act of 2005 established the NGDP with the directives to archive the Geological, Geophysical, and engineering data maps, well logs and samples to borrow it a national catalog of such archival material that previously was a national digital catalog. And now it was recycled, or the registry of Scientific Collections. It's also to provide technical and financial assistance related to this archival material. And then new piece that's added that really just solidifies work we were already doing.

0:2:40.470 --> 0:2:46.700  
Johnson, Michaela R  
Coordinating with preservation of critical minerals was to provide for was to.

0:2:47.540 --> 0:2:54.430  
Johnson, Michaela R  
Really said it in into law that we would be supporting preservation of samples to track geochemical signatures.

0:2:56.790 --> 0:3:8.100  
Johnson, Michaela R  
From critical mineral our bodies and that's part of public cloud 117 dash 5/8. In addition, we also the activities we do support critical minerals data integration.

0:3:10.50 --> 0:3:11.900  
Johnson, Michaela R  
Our world is a world where.

0:3:13.200 --> 0:3:20.250  
Johnson, Michaela R  
I'll public domain physical samples and geological resources are readily discoverable, accessible and reasonable.

0:3:22.310 --> 0:3:34.240  
Johnson, Michaela R  
Support our mission. We do grant programs and these are eligible for state geological surveys and universities. If the State Geological Survey is organized under a State University system.

0:3:35.540 --> 0:3:53.710  
Johnson, Michaela R  
States may include partner private government, academia contribution, so you may partner with external groups to support your match to come up with your caution or there is a 5050 cost share requirement for all of the activities and the proposals.

0:3:54.690 --> 0:3:56.970  
Johnson, Michaela R  
And I do see a question came through. Let me see.

0:4:0.250 --> 0:4:1.560  
Johnson, Michaela R  
I think from thing.

0:4:6.40 --> 0:4:16.330  
Johnson, Michaela R  
Yeah. Umm and then we'll get to priority three a little bit later. So we'll be sure it if we don't get your questions answered, please let me know and we will address them then.

0:4:18.220 --> 0:4:44.10  
Johnson, Michaela R  
So how do you actually apply visit grants, Gov, and then the upper right corner? You can add in either the Ohh opportunity number for this year or data preservation, and it should come up almost as the first one you download the application and forms. It's important to have register start this process early if you're new to it. It it does take a while and if you run into any obstacles you wanna have time to.

0:4:45.410 --> 0:4:57.600  
Johnson, Michaela R  
Account for them. Instructions are provided in the program announcement and there are several attachments with it too, so be sure to check out attachment. See just the terms and conditions which has a little extra detail and there as well.

0:5:2.20 --> 0:5:32.470  
Johnson, Michaela R  
And what does this mean to you and to us? We're certainly able to support more activities, including some of the kind of dreams we've had for a while to be able to tackle. So this increased funding allows for support for digital infrastructure databases, improvements in data delivery, also analytical equipment, high resolution photographic equipment, hyperspectral scanners and scanners for thin sections, while logs and documents, and also physical infrastructure.

0:5:32.590 --> 0:5:46.210  
Johnson, Michaela R  
Some clothes, core repository buildings and their maintenance and archival and storage upgrades. This increased all of these things allow for increased data and samples access and delivery to the public.

0:5:52.10 --> 0:6:2.560  
Johnson, Michaela R  
So I'll go over the priority. So we have three priorities this year and we have priority one, which is kind of our traditional data preservation activities, preserve geoscience data and materials.

0:6:4.420 --> 0:6:7.90  
Johnson, Michaela R  
This does not include for this year a workshop.

0:6:7.910 --> 0:6:29.140  
Johnson, Michaela R  
That will be included in the FY20 24 program announcement and this is for resources relevant to climate studies. Subsurface resources, including critical minerals. Some of this will go towards the national index, formal information infrastructure development, environmental equity and or cleaner green energy. And that's not an exhaustive list, so.

0:6:30.60 --> 0:6:44.910  
Johnson, Michaela R  
So please keep that in consideration. Priority two is digital and physical infrastructure development and this is construction, remodel or repair buildings creation or maintenance and modernization of digital infrastructure.

0:6:46.370 --> 0:6:57.490  
Johnson, Michaela R  
And then also purchase or installation of equipment that facilitates the production of data from historical samples or documents. So these should be for samples you already have in house or are preserving.

0:6:58.550 --> 0:7:20.0  
Johnson, Michaela R  
And then priority three is critical. Minerals data preservation. This also won't have workshop activities associated with it. And this year it does provide for sample preservation of up to 200 for geochemical analysis by USGS. So these are samples that are identified within your repository or that you already have on hand.

0:7:23.350 --> 0:7:25.920  
Johnson, Michaela R  
So what is new for the 2023 funding?

0:7:26.880 --> 0:7:37.760  
Johnson, Michaela R  
The start dates span between April 1st, 2023 and September 1st, 2024. Priority three, the latest start date is September 1st, 2023.

0:7:39.70 --> 0:7:58.20  
Johnson, Michaela R  
We have a change that we allow for up to three years for the period of performance anywhere from one year to three years. We can have up to two awards with different start dates and you may have proposed again in 2024 for new work and the FY20 20 for workshop for data preservation.

0:7:59.670 --> 0:8:16.510  
Johnson, Michaela R  
Umm, there's up to 5000 from metadata updates and recycle. We will also be doing training upcoming training that will allow you to understand and provide you what the resources you need for the metadata updates. There's a new abstract requirement.

0:8:17.740 --> 0:8:23.450  
Johnson, Michaela R  
For geospatial data sets, you need to do to provide federal geographic data committee metadata.

0:8:25.720 --> 0:8:38.10  
Johnson, Michaela R  
And then there is also a new final technical report requirement success stories with an image or graphic to kind of capture what your your activities or projects were all about to be able to communicate.

0:8:39.190 --> 0:8:50.770  
Johnson, Michaela R  
To the public, better and then also constructions projects are subject to the bio American requirements. We may have questions on this next slide. So I'll pause after this and and look back.

0:8:51.900 --> 0:9:0.830  
Johnson, Michaela R  
So we do have to follow as part of the bipartisan infrastructure law the by American domestic procurement preference.

0:9:1.990 --> 0:9:3.290  
Johnson, Michaela R  
This requires.

0:9:4.990 --> 0:9:16.160  
Johnson, Michaela R  
That all federal financial assistance that's being provided for infrastructure must meet by American standards. So this means construction materials.

0:9:18.90 --> 0:9:23.670  
Johnson, Michaela R  
Iron Steel manufactured products. Those all have to to be sourced.

0:9:25.120 --> 0:9:26.220  
Johnson, Michaela R  
Uh in the US?

0:9:27.350 --> 0:9:32.660  
Johnson, Michaela R  
So I'll I'll pause and and let you know that you ask questions if you have some here.

0:9:33.360 --> 0:9:33.770  
Johnson, Michaela R  
Umm.

0:9:35.840 --> 0:9:36.340  
Johnson, Michaela R  
Yep.

0:9:33.430 --> 0:9:40.430  
Eastman, Margaret  
Mickey, this is Maggie. Let me make one comment. That provision also applies for the match side.

0:9:41.610 --> 0:9:43.270  
Johnson, Michaela R  
Thank you, Maggie. So.

0:9:44.160 --> 0:9:57.10  
Johnson, Michaela R  
Whether or not your construction, if you're your lumber or your steel, is, if you're thinking about it doing on the on the federal request side or the state match side, they all they both have to be subject to.

0:9:58.260 --> 0:10:1.530  
Johnson, Michaela R  
US first materials. Thanks Maggie.

0:10:4.880 --> 0:10:13.250  
Eastman, Margaret  
And then just as an aside, this this is not new, it's included in the provisions. The regular provisions is and it construction is also subject to Davis Bacon.

0:10:14.230 --> 0:10:15.360  
Eastman, Margaret  
But that's not new.

0:10:17.660 --> 0:10:27.570  
Johnson, Michaela R  
And this is there is a little bit of information about it in the program announcement itself and then attachment see the terms and conditions has some expanded description in there.

0:10:33.690 --> 0:10:37.30  
Johnson, Michaela R  
Alright, so I'll keep moving forward.

0:10:37.590 --> 0:11:7.280  
Johnson, Michaela R  
Umm, these are the program announcement requirements for FY20 23 each activity, each each separate priority has to have a 100% or greater match with state federal funds. So priority one has to be 1 to one priority two, one to one priority three one to one. It can't be for the total of all three activities. There's a limit of no more than 5 pages per priority one and two descriptions and priority three is limited to 4 pages.

0:11:9.330 --> 0:11:21.820  
Johnson, Michaela R  
The project abstract summary must be submitted using the abstract template which is linked here. This is the same presentation I used the last time, so this is available on our.

0:11:23.10 --> 0:11:33.640  
Johnson, Michaela R  
Access VR website and I think science based where it's linked from might be having issues today. So if you try to get to it today, you might have to wait a day or two, but they're working on getting that resolved.

0:11:33.940 --> 0:11:35.520  
Johnson, Michaela R  
Umm. Like.

0:11:36.390 --> 0:11:44.580  
Johnson, Michaela R  
As as normal CSV's are required for project personnel, we do require a data management plan and we do require the form.

0:11:46.110 --> 0:11:46.890  
Johnson, Michaela R  
To be used.

0:11:47.170 --> 0:11:55.520  
Johnson, Michaela R  
And digitizing skin map products should be submitted to Ng MDB and that's using the new Gems portal.

0:11:57.180 --> 0:12:9.270  
Johnson, Michaela R  
Geologic maps must be in the gym. Standard can't use data preservation funds to preserve USGS assets, and the submission deadline is October 13th, 2022.

0:12:12.410 --> 0:12:42.340  
Johnson, Michaela R  
For priority one, this is kind of our standard but non standard data preservation activities. It's this for foundational. So the work that you do preserving data and samples is to provide foundational geoscience information for climate studies, subsurface resources, critical minerals and or cleaner green energy. And we do coordinate with the National cooperative Geologic Mapping program to support gems activities. And we also support with.

0:12:42.420 --> 0:12:51.930  
Johnson, Michaela R  
That US, your framework initiative underneath them or associated with them for some of our subsurface resources activities like the national index of borehole information.

0:12:54.310 --> 0:12:54.670  
Johnson, Michaela R  
We.

0:12:55.800 --> 0:13:7.320  
Johnson, Michaela R  
One of the activities to update the current metadata to recycle documentation standards. This activity is supported noncompetitive. It's still does require a match and.

0:13:7.990 --> 0:13:15.220  
Johnson, Michaela R  
You can get funding of up to $5000 for that one. The protocols will be available by July 1st, 2023.

0:13:16.710 --> 0:13:17.160  
Johnson, Michaela R  
Umm.

0:13:18.350 --> 0:13:37.390  
Johnson, Michaela R  
Also update geographic names in collections to replace occurrences of derogatory names and the sources that can be used to replace those are in the geographic names information systems. We do provide additional information on the program announcement on this piece and then inventory preserve.

0:13:38.330 --> 0:13:50.580  
Johnson, Michaela R  
Rescue, modernize traditional geologic, geophysical, and engineering materials. The main criteria is that these all should be available for public access for reuse.

0:13:55.160 --> 0:14:5.700  
Johnson, Michaela R  
And here's some examples. So digitizing with 508 compliance analog data. So things like paper media, maps, photographic media.

0:14:6.920 --> 0:14:18.430  
Johnson, Michaela R  
Physical samples preserve paper, scan geologic maps to the GEM standard database, and that means they should be non GIS, so they would need to be vectorized and.

0:14:19.630 --> 0:14:21.140  
Johnson, Michaela R  
Converted to the gem standard.

0:14:22.240 --> 0:14:29.630  
Johnson, Michaela R  
Preservation of subsurface data and samples, including drill hole or drill core or borehole information and also.

0:14:30.110 --> 0:14:36.540  
Johnson, Michaela R  
Uh, rescuing value material wells in imminent danger of loss fear building keeps having.

0:14:37.210 --> 0:14:39.20  
Johnson, Michaela R  
Flooding issues and you know.

0:14:40.310 --> 0:14:42.210  
Johnson, Michaela R  
Something that that is really.

0:14:42.840 --> 0:14:46.230  
Johnson, Michaela R  
Dangerous or you have an opportunity to rescue core things like that.

0:14:48.870 --> 0:14:56.710  
Johnson, Michaela R  
And then we also provide data templates to populate for priority one party. One just has the borehole information template.

0:14:58.200 --> 0:15:7.590  
Johnson, Michaela R  
Really, the the point of that is to compile the information so that it's consistent across everyone that's contributing, so that someone else could pick it up and.

0:15:9.20 --> 0:15:27.190  
Johnson, Michaela R  
Combine those data sets and use them, but it's also in preparation for inclusion in the national index of borehole information, so it's really point locations with a little bit of ancillary data associated with that. And if certainly well logged information, you could provide access to those as well.

0:15:28.310 --> 0:15:31.0  
Johnson, Michaela R  
And this does support the USDA Framework initiative.

0:15:35.240 --> 0:15:53.690  
Johnson, Michaela R  
And then all our deliverables are required to be documented and recycled. The Registry of Scientific Collections. This is a rebranded the National digital catalog. Your login is the same that you previously used to log into the NDC dashboard and now would use for recycled dashboard.

0:15:55.370 --> 0:15:56.240  
Johnson, Michaela R  
This includes.

0:15:57.570 --> 0:16:4.740  
Johnson, Michaela R  
Data. So if you use recycle as a file repository and you can contribute PDFs, tables or tips.

0:16:6.290 --> 0:16:21.720  
Johnson, Michaela R  
And these must be available for download there. It should serve as the primary access and distribution point, so it shouldn't have multiple places places. If you can provide it elsewhere and provide it in your own repository, that would be preferred.

0:16:23.500 --> 0:16:32.560  
Johnson, Michaela R  
And recycle should not be used to archive larger files such as tiffs. If smaller file formats, PDF or PNG's are available online.

0:16:33.620 --> 0:16:47.810  
Johnson, Michaela R  
And the files should not be copyrighted or publicly restricted. These need to be publicly accessible, and again, the recycle protocols for documentation will be available by July 1st, 2023.

0:16:48.820 --> 0:16:52.200  
Johnson, Michaela R  
And I'll stop here to see if there any questions on priority one.

0:16:56.730 --> 0:16:58.390  
Johnson, Michaela R  
I don't see any in the chat.

0:17:2.720 --> 0:17:6.270  
Johnson, Michaela R  
So I will keep moving on them with priority two.

0:17:6.930 --> 0:17:15.990  
Johnson, Michaela R  
So this is our infrastructure support, both physical and digital and by physical we really mean a building.

0:17:17.0 --> 0:17:18.430  
Johnson, Michaela R  
Enhancement maintenance.

0:17:20.660 --> 0:17:50.670  
Johnson, Michaela R  
So certainly enhancement of existing repositories that can be anything from new racking, new storage to maintenance of roof, new buildings, things like that. But really we want to improve the overall condition, the storage conditions for physical materials on the digital side of things, this is enhancing or developing data, archiving systems, databases and web applications tenants, access, understanding and interpretation and use of the GPS science materials.

0:17:51.650 --> 0:17:57.20  
Johnson, Michaela R  
So we're really striving at making it easier for the public to get access to everything.

0:17:58.430 --> 0:18:0.170  
Johnson, Michaela R  
And then on the equipment side.

0:18:1.480 --> 0:18:6.310  
Johnson, Michaela R  
It supports production of data from historical samples or documents.

0:18:8.650 --> 0:18:30.100  
Johnson, Michaela R  
All of these activities require a minimum one to one match of to federal dollars. Equipment is permitted for proposal, but costs must be incurred within the period of performance. This also includes the construction, so everything from if you're doing new buildings, all of that has to be incurred within the period of performance.

0:18:31.360 --> 0:18:45.320  
Johnson, Michaela R  
Any equipment greater than 5000, and this includes supplies must be justified with the need for achieving the project goals. All supplies and equipment should be itemized and provided with a dealer or manufacturer quote.

0:18:46.730 --> 0:19:13.380  
Johnson, Michaela R  
And the the important thing for this is that if you do, if you are thinking about new equipment, the equipment's really intended to make the accessibility of the historical samples that are documents readily available. So we can't do embargo data. The data should be released within three months and these should be kind of as close to raw, non interpretive as possible in an open format.

0:19:15.560 --> 0:19:17.730  
Johnson, Michaela R  
Rent is still not able to be supported.

0:19:19.640 --> 0:19:20.250  
Johnson, Michaela R  
Sure, have.

0:19:21.690 --> 0:19:26.560  
Johnson, Michaela R  
Everything covered here that any questions on the party two infrastructure.

0:19:34.450 --> 0:19:35.960  
Dejarnett, Beverly B  
Hey, Mickey, this is Beverly.

0:19:36.700 --> 0:19:37.340  
Johnson, Michaela R  
Beverly.

0:19:40.30 --> 0:19:40.430  
Johnson, Michaela R  
Umm.

0:19:37.770 --> 0:19:42.610  
Dejarnett, Beverly B  
Yes, I have a quick question on the the collected data from equipment.

0:19:43.510 --> 0:19:47.940  
Dejarnett, Beverly B  
Could you just give some examples of that? Do you mean any data that?

0:19:51.880 --> 0:19:52.370  
Johnson, Michaela R  
So.

0:19:48.930 --> 0:19:52.540  
Dejarnett, Beverly B  
And you maybe collected from set equipment.

0:19:53.540 --> 0:20:8.40  
Johnson, Michaela R  
It if you're doing not say you have a hyperspectral scanner or you're doing XRF analysis. If you if we're supporting that equipment, it's it should be released within within three months.

0:20:10.910 --> 0:20:11.380  
Dejarnett, Beverly B  
OK.

0:20:21.310 --> 0:20:23.340  
Johnson, Michaela R  
Any additional questions?

0:20:30.140 --> 0:20:54.470  
Johnson, Michaela R  
Alright, I'm gonna move towards the critical minerals priority. So this is priority three this year, we collaborate with the Earth Mapping Resources initiative, or Earth Ameri, to support data preservation activities focused on critical mineral resources. For this year, we do have a CAP again, but the limit has been increased to 50,000 with a one to one state match.

0:20:55.500 --> 0:21:5.430  
Johnson, Michaela R  
Some of the topics that we're focused on this year are state compilation of mineral deposits and districts, compilation of borehole data with metadata to recycle.

0:21:6.330 --> 0:21:18.870  
Johnson, Michaela R  
A long term strategic plan for critical minerals and this is a limited it's also noncompetitive, so if you ask, it will be supported as long as you provide details on your plans.

0:21:19.450 --> 0:21:34.440  
Johnson, Michaela R  
Umm. Or you plan to do and that also does have to be matched so that that's up to $5000 and then preservation of samples with critical minerals and submittal of up to 200 samples per G chemical analysis. So.

0:21:35.410 --> 0:21:42.370  
Johnson, Michaela R  
That there's 200 samples are are provided. If you submit those, the funding goes kind of behind the scenes.

0:21:43.710 --> 0:21:55.470  
Johnson, Michaela R  
For the analysis, so that's supported. If you do have work that you're planning to do to select the the samples. If you provide hours for that, you still have to match those. But.

0:21:55.860 --> 0:22:18.280  
Johnson, Michaela R  
Umm you you don't have to propose any funding for for the samples. If you choose to do some analysis that are kind of beyond what's proposed in the program announcements, that's kind of a value added or extra you'd be responsible for providing the match and the funding request on those.

0:22:20.610 --> 0:22:24.300  
Johnson, Michaela R  
So kind of give you a little bit of background.

0:22:25.400 --> 0:22:53.950  
Johnson, Michaela R  
Also, on the first time I I think most of you are familiar with that now, but the list of critical minerals was updated in 2021 and it's available in the NASA or in 48, 2020. One publication and and I think it's table two there but we're still working on and going through these and I doing critical minerals investigations. The one thing to note is that the final the.

0:22:54.450 --> 0:23:0.820  
Johnson, Michaela R  
Work on focus areas has completed, so we won't be there's no activities.

0:23:1.200 --> 0:23:27.880  
Johnson, Michaela R  
Uh to propose working on those this year they will be published and they are being used. They're very helpful or samurai program uses those heavily to plan their new acquisition areas. So everybody's deeply appreciative of the work that that's the collaborative work between the States and Arthur, I partners to really make that come together. So thank you for that.

0:23:30.600 --> 0:23:31.720  
Johnson, Michaela R  
And then Umm.

0:23:32.580 --> 0:23:38.30  
Johnson, Michaela R  
If you'd like to see the activities that are are ongoing so the Earth MRI.

0:23:39.550 --> 0:23:57.80  
Johnson, Michaela R  
The acquisitions viewer is available. You can see where work is being done, gets some story and background on each of the acquisition areas, why it's being studied there, what type of data are being collected, if it's Lidar, geophysical surveys, geologic mapping, or geochemistry.

0:23:58.230 --> 0:24:4.110  
Johnson, Michaela R  
And so for 2022, there are 10 new airborne G physical surveys.

0:24:5.470 --> 0:24:18.50  
Johnson, Michaela R  
Currently being planned and foundational life light our surveys and we do have some new geologic mapping and great chemistry support work, but those are still in the works and should be available soon.

0:24:22.100 --> 0:24:43.850  
Johnson, Michaela R  
So kind of the background, what? What does the the the collaboration with with the preservation program brings to Earth MRI. So the state compilation of mineral deposits and districts, you know optimally that results in a web application that provides public access to search and see what information is available.

0:24:45.180 --> 0:24:59.660  
Johnson, Michaela R  
The borehole information it it enables users to conduct 3D geologic modeling and mapping and it it makes the world reformation more discoverable for the public and mineral exploration exploration.

0:25:1.250 --> 0:25:7.100  
Johnson, Michaela R  
And then this year, really, the geochemical analysis of up to 200 samples.

0:25:9.10 --> 0:25:14.240  
Johnson, Michaela R  
The data preservation program doesn't do interpretation, but the results that can be.

0:25:14.620 --> 0:25:21.370  
Johnson, Michaela R  
Uh, of the chemical analysis are are intended to support kind of integrated.

0:25:23.650 --> 0:25:34.70  
Johnson, Michaela R  
Integrated interpretive research by public Earth MRI state to support search on and characterization for critical minerals.

0:25:35.930 --> 0:25:45.220  
Johnson, Michaela R  
So these are all provided I think I have another slide that provides access a little more constructions on on the critical error on the geochemical submittal.

0:25:45.860 --> 0:25:51.850  
Johnson, Michaela R  
But if you do have an estimated date of sample submittal for Jake Chemical analysis, I think.

0:25:52.970 --> 0:26:10.700  
Johnson, Michaela R  
This this is not part of our program announcement, but it it's a really difficult activity to coordinate and if you have any any estimates on when you'd be submitting them, warm day asks that you pretty please submit a any, any estimates to him and that's his e-mail address.

0:26:13.80 --> 0:26:17.260  
Johnson, Michaela R  
And and these are the current supported activities for critical minerals.

0:26:19.190 --> 0:26:25.360  
Johnson, Michaela R  
It's required so we any of the deliverables have to be described, preserved and cataloged in recycle.

0:26:27.210 --> 0:26:39.120  
Johnson, Michaela R  
To improve discoverability and recycle sits on science space. But we also have a new mapping application which I'll I'll share a little bit about later to improve search capabilities.

0:26:40.620 --> 0:26:47.730  
Johnson, Michaela R  
So we're we're supporting the compilation of publication of locations of Critical and other non fuel mineral deposits and districts.

0:26:49.100 --> 0:27:13.800  
Johnson, Michaela R  
Umm this can be a new or update to existing compilation and state held records or literature. So what we're looking for, and this is also compiled in in some templates I'll share but looking for name, location, geology, resource information about the commodities estimates or grade deposit type and really reference citations.

0:27:15.210 --> 0:27:25.30  
Johnson, Michaela R  
And then to also provide public access to drill core data information. These resources are also documented and provided in a template.

0:27:25.960 --> 0:27:41.770  
Johnson, Michaela R  
That will share, but it's mostly location that and a little bit of ancillary information, including access too well logs or analysis that are available, depth to bedrock and identification of basement rock is also supported.

0:27:44.320 --> 0:27:47.500  
Johnson, Michaela R  
And these are the templates that I I mentioned so.

0:27:48.480 --> 0:27:54.220  
Johnson, Michaela R  
Mineral deposits and mineral districts are provided kind of in a.

0:27:55.170 --> 0:27:58.340  
Johnson, Michaela R  
In the same description, but the deposit is really.

0:27:58.420 --> 0:28:14.110  
Johnson, Michaela R  
Umm. A point locations, but the ancillary data and that's just been an Excel file. The districts are Polygon shape files, so those get provided in a shape file and then the ancillary information gets documented. Then the Excel file.

0:28:15.190 --> 0:28:18.900  
Johnson, Michaela R  
Formal information is populated in the borehole template.

0:28:20.390 --> 0:28:24.140  
Johnson, Michaela R  
And it's also point locations, what's available, insularity data.

0:28:29.180 --> 0:28:34.510  
Johnson, Michaela R  
Umm. And we also support a long term preservation plan for critical minerals, says noncompetitive.

0:28:35.940 --> 0:28:36.410  
Johnson, Michaela R  
Umm.

0:28:37.860 --> 0:28:48.350  
Johnson, Michaela R  
All who request it will be funded, but you must provide detailed proposed activities. It's up to 5000 to support development and that must also be matched.

0:28:49.760 --> 0:28:52.170  
Johnson, Michaela R  
And then it will have a separate budget item.

0:28:52.870 --> 0:28:54.520  
Johnson, Michaela R  
Under the 50K for.

0:28:55.220 --> 0:29:0.230  
Johnson, Michaela R  
The party through, so it is part of the $50,000 limit for priority three.

0:29:4.500 --> 0:29:9.970  
Johnson, Michaela R  
And this is where it gets into a little bit more of the details on the geochemical analysis.

0:29:10.950 --> 0:29:20.180  
Johnson, Michaela R  
So this is facilitated through a credit system for 200 samples. So I mentioned that kind of the funding happens behind the scenes and it goes to the US geology.

0:29:21.80 --> 0:29:24.240  
Johnson, Michaela R  
And do you? Physics and geochemistry Science Center in Denver.

0:29:24.660 --> 0:29:28.570  
Johnson, Michaela R  
Umm, they've facilitated all the analysis.

0:29:30.340 --> 0:29:56.750  
Johnson, Michaela R  
And what is available is major elements by wavelength dispersive X-ray fluorescence spectrometry and also the 60 element ICP OES. Ms Sodium peroxide fusion package to support minor and trace element analysis, including the rare earth elements. So that's where I mentioned. If you do have analysis that you'd like to do beyond so the non standard sample analysis, those would be the the state responsibility.

0:29:57.540 --> 0:30:3.130  
Johnson, Michaela R  
I mean, we would if you request that you would just have to also provide a match for those analysis.

0:30:4.610 --> 0:30:9.260  
Johnson, Michaela R  
For example, heavy mineral separates or kind of some specialty processing.

0:30:10.300 --> 0:30:18.280  
Johnson, Michaela R  
And then the analytical results are published together by USGS in a data released by Steve Smith and others.

0:30:20.650 --> 0:30:42.480  
Johnson, Michaela R  
And that's available it it's updated quarterly so that when analysis are available they get combined and published there together and all of the Earth MRI analysis, whether it's earthworm supporting eartham MRI, geologic mapping or data preservation efforts there all combined together there in in one resource.

0:30:43.500 --> 0:30:48.30  
Johnson, Michaela R  
And again, Warren asked for the estimated date of sample submittal, if possible.

0:30:48.740 --> 0:30:57.600  
Johnson, Michaela R  
Umm. And collection and item level metadata are required to be submitted to recycle. One thing I did note was that I think you can.

0:30:59.150 --> 0:30:59.900  
Johnson, Michaela R  
Request.

0:31:1.220 --> 0:31:2.950  
Johnson, Michaela R  
Reference materials by Ryan.

0:31:3.830 --> 0:31:5.420  
Johnson, Michaela R  
Umm forkland Norton.

0:31:6.510 --> 0:31:24.80  
Johnson, Michaela R  
And she's part of G3 and these will come for P XRF. And I think they are pressed pressed powders that are available. And I can get you more information on that. But if you are interested in any of those, we can provide those specifically for critical minerals.

0:31:26.600 --> 0:31:29.890  
Johnson, Michaela R  
Any questions on the priority three activities I?

0:31:30.580 --> 0:31:35.800  
Johnson, Michaela R  
Don't know if I answered your questions, Dan, but if if you still have questions, please.

0:31:36.540 --> 0:31:38.350  
Johnson, Michaela R  
Umm. Let's see.

0:31:38.770 --> 0:31:47.280  
Ginger (Guest)  
This is ginger, Macklemore in in New Mexico. Can we put in for travel costs to collect these geochemical samples?

0:31:48.210 --> 0:31:58.540  
Johnson, Michaela R  
It's no so for these. These are samples that should already be collected, so preserve samples, things like sampling and drill core that you have on hand.

0:32:1.190 --> 0:32:1.540  
Harvey (Guest)  
And.

0:32:1.220 --> 0:32:2.20  
Ginger (Guest)  
OK. Thanks.

0:32:0.810 --> 0:32:3.110  
Johnson, Michaela R  
So specifically Yep.

0:32:3.430 --> 0:32:7.950  
Harvey (Guest)  
And as we discussed last time, there can be situations where there's travel to the repository.

0:32:9.300 --> 0:32:19.460  
Johnson, Michaela R  
Tricks. So we if you have your samples in a different repository and you need to do the work to prepare those for submittal, definitely those travel costs would be supported.

0:32:20.490 --> 0:32:20.890  
Ginger (Guest)  
OK.

0:32:23.280 --> 0:32:23.660  
Harvey (Guest)  
Mickey.

0:32:24.440 --> 0:32:24.820  
Johnson, Michaela R  
Yep.

0:32:26.850 --> 0:32:27.380  
Johnson, Michaela R  
Pardon me.

0:32:25.180 --> 0:32:56.300  
Harvey (Guest)  
This is Harvey. Can you give us any insight that you can give us on the state of thinking on how to select the 200 samples if we think of various types of geochemical surveys, there are low density grids, there are transects, there are approaches to certain rock bodies, and one way to ask the question is, should selection of the 200 samples be guided by the existing Earth MRI priority setting process?

0:32:58.190 --> 0:33:2.810  
Johnson, Michaela R  
I do believe so. I I think if you're, if you're looking at.

0:33:2.890 --> 0:33:17.490  
Johnson, Michaela R  
Umm, I mean, the point of this is really to help support the activities that are downright is doing. So if you have areas where you know Earth Amari is working or that they may be interested in working or it's supporting.

0:33:17.930 --> 0:33:34.320  
Johnson, Michaela R  
Umm, work that you're doing on a on a geologic mapping activity and and knowledge of that critical minerals characterization would be beneficial to you, your stakeholders or Earth MRI. That's that's kind of really what we're looking for. I don't think we're looking at just.

0:33:35.510 --> 0:33:45.830  
Johnson, Michaela R  
200 randomized samples that that may or may not have critical minerals potential really be looking at that so you know.

0:33:46.680 --> 0:33:48.880  
Johnson, Michaela R  
If in house you could do anything like PXR.

0:33:51.80 --> 0:33:59.940  
Johnson, Michaela R  
Ahead of time to to prioritize what you'd like the greater the finer resolution analysis on, I think those are.

0:34:0.690 --> 0:34:2.540  
Johnson, Michaela R  
I could recommend those types of activities.

0:34:3.850 --> 0:34:17.720  
Johnson, Michaela R  
I mean, ultimately it's your, it's kind of your collection and and you you all have the greater knowledge and understanding of what's in your repository. So we would be you know certainly would be your your expertise on.

0:34:18.490 --> 0:34:19.400  
Johnson, Michaela R  
What you have in house?

0:34:19.900 --> 0:34:28.580  
Harvey (Guest)  
OK. So thank you, Mickey. I think you are leaning towards saying that this is a way to get a head start on a focused Earth MRI project that's in the queue.

0:34:29.880 --> 0:34:32.420  
Harvey (Guest)  
And as we're thinking develops, I wonder.

0:34:31.710 --> 0:34:33.120  
Johnson, Michaela R  
Not necessarily, not.

0:34:33.680 --> 0:34:34.70  
Harvey (Guest)  
Go on.

0:34:33.950 --> 0:34:36.560  
Johnson, Michaela R  
Head. Not necessarily, but I mean if you.

0:34:39.850 --> 0:34:47.20  
Johnson, Michaela R  
Either way, if if you're if you're planning on proposing it would. If it's beneficial to you, your stakeholders, I think that's really what.

0:34:48.630 --> 0:34:56.990  
Johnson, Michaela R  
Those type of activities would focus on or supporting current activities cause the length of time it takes to actually get the information back on.

0:34:57.770 --> 0:35:5.500  
Johnson, Michaela R  
On the sample to middle, sometimes can be lengthy, that sometimes it's it's fast, but it can be be a little time consuming on getting the results back.

0:35:6.800 --> 0:35:32.520  
Harvey (Guest)  
OK. One final quick note, as I was thinking develops, we might find ourselves thinking about if we sell propose geochemical analysis for an area that is lowish in our Earth MRI priority list, we might feel an obligation to explain why we are not instead submitting samples for a higher priority area on the Earth MRI focused aerialist.

0:35:34.600 --> 0:35:35.120  
Harvey (Guest)  
Just a.

0:35:34.760 --> 0:35:37.920  
Johnson, Michaela R  
It should be. Yep, we want.

0:35:38.560 --> 0:35:40.580  
Johnson, Michaela R  
I don't know that we will be, it's.

0:35:41.670 --> 0:35:44.620  
Johnson, Michaela R  
I think if you're proposing 200 samples.

0:35:46.850 --> 0:35:52.960  
Johnson, Michaela R  
If you have additional information to provide on why you're selecting those samples, that's probably beneficial it.

0:35:56.80 --> 0:35:56.790  
Johnson, Michaela R  
But we will be.

0:35:55.370 --> 0:36:1.60  
Powers, Lindsay A  
We won't be heavily scrutinizing the justification for your choice of 200 samples.

0:36:1.980 --> 0:36:2.870  
Johnson, Michaela R  
Thank you, Lindsey.

0:36:3.390 --> 0:36:3.950  
Harvey (Guest)  
OK, Lindsey.

0:36:7.110 --> 0:36:15.260  
Powers, Lindsay A  
So you should choose what you find beneficial for whatever you are current work is, but that has a high probability for critical minerals content.

0:36:16.100 --> 0:36:19.470  
Harvey (Guest)  
And we and now logically, we should have a compelling rationale.

0:36:21.0 --> 0:36:21.490  
Johnson, Michaela R  
Yes.

0:36:19.970 --> 0:36:34.730  
Powers, Lindsay A  
Yes, absolutely. But it you know it's this is another part of the Earth MRI data preservation work where we're just really trying to support you getting meaningful samples analyzed.

0:36:35.740 --> 0:36:42.60  
Powers, Lindsay A  
Umm through the project, but it's it's less of a competitive aspect of the proposal, let's say.

0:36:43.270 --> 0:36:43.920  
Harvey (Guest)  
OK, very good.

0:36:50.300 --> 0:36:50.640  
Johnson, Michaela R  
Yep.

0:36:48.880 --> 0:36:51.990  
Dane Vandervoort  
Mickey, this is Dane with the Alabama Geological Survey.

0:36:52.950 --> 0:36:53.420  
Johnson, Michaela R  
Heading.

0:36:54.160 --> 0:37:2.650  
Dane Vandervoort  
How can you possibly provide some examples of the types of activities that are supported or covered by the preservation Plan funding, funding?

0:37:3.440 --> 0:37:4.70  
Dane Vandervoort  
Opportunity.

0:37:4.180 --> 0:37:4.630  
Johnson, Michaela R  
Oh.

0:37:5.390 --> 0:37:5.920  
Johnson, Michaela R  
So.

0:37:17.390 --> 0:37:17.730  
Dane Vandervoort  
OK.

0:37:6.740 --> 0:37:17.840  
Johnson, Michaela R  
Let's say some kind of. For example, if you were thinking about doing a long term preservation plan for critical minerals, it could be something like inventorying what you have in house.

0:37:18.320 --> 0:37:25.550  
Johnson, Michaela R  
In and then prioritizing like it, it's kind of an internal document for you. You do share it to us and we share it with Earth on MRI.

0:37:25.970 --> 0:37:26.340  
Dane Vandervoort  
Mm-hmm.

0:37:26.730 --> 0:37:29.920  
Johnson, Michaela R  
So it's kind of a planning document to be able to say.

0:37:38.230 --> 0:37:38.580  
Dane Vandervoort  
OK.

0:37:30.420 --> 0:37:46.850  
Johnson, Michaela R  
Umm, these are things that we wanna be able to do to support critical minerals and these are things we should we want to be able to tackle 1st and it could be that it's all done in house. It could be that you have some stakeholders that you help identify what your priorities are.

0:37:48.560 --> 0:37:59.760  
Johnson, Michaela R  
And it we don't have a specific template or or format for that. But you know you can do something if you had graphics in there or table with ranch prioritization, something something along those lines.

0:38:0.580 --> 0:38:8.270  
Dane Vandervoort  
OK. Yeah, great. That helps a lot. That's that's kind of what I was thinking is maybe like covering the inventorying of of what we sell after you know.

0:38:8.910 --> 0:38:9.580  
Dane Vandervoort  
Left to.

0:38:10.850 --> 0:38:12.220  
Dane Vandervoort  
Reserve, I guess, but.

0:38:12.990 --> 0:38:14.130  
Dane Vandervoort  
Yeah, so great. Thanks.

0:38:15.310 --> 0:38:15.640  
Johnson, Michaela R  
Great.

0:38:16.850 --> 0:38:27.790  
Johnson, Michaela R  
And then I see that there's a sample about sending the samples in batches, and I think you would coordinate with Jamie Zane and G3, but I'm pretty sure that you can send samples.

0:38:28.490 --> 0:38:31.670  
Johnson, Michaela R  
In batches that they may be, they may want it all the time.

0:38:32.470 --> 0:38:36.260  
Johnson, Michaela R  
We can find out a little bit more information or follow up with Jamie.

0:38:38.500 --> 0:38:39.250  
Johnson, Michaela R  
Ohm.

0:38:42.710 --> 0:38:44.50  
Johnson, Michaela R  
Got it. Thanks.

0:38:44.840 --> 0:38:49.900  
Johnson, Michaela R  
Any other questions of looks like we've addressed everything in the chat.

0:38:53.840 --> 0:38:54.470  
Johnson, Michaela R  
All right.

0:38:55.950 --> 0:39:1.220  
Johnson, Michaela R  
Ohh, keep flying away questions if you think it's some and we'll make sure we get them responded too.

0:39:2.660 --> 0:39:11.480  
Johnson, Michaela R  
But we do have. This is the 2023 project schedule. So the period performance like I mentioned previously is anywhere from 12 to 36 months party one.

0:39:15.570 --> 0:39:15.880  
Powers, Lindsay A  
You know.

0:39:12.60 --> 0:39:23.910  
Johnson, Michaela R  
Uh projects page start anywhere from April 1st, 2023 to September 1st, 2024 and then deliverables are due 90 days after the end of the period of performance.

0:39:24.700 --> 0:39:42.170  
Johnson, Michaela R  
Already two start dates are also April 20, April 1st, 2023 to April 15th 2024 or sorry, I think it's also September 1st, 2024 with the deliverables due after 90 days after the end of period of performance and the one difference is.

0:39:43.490 --> 0:39:54.760  
Johnson, Michaela R  
Party 3 Project AIDS begin after the 2023 USS final appropriation is issued and and it's the same requirements for deliverables at the end of the period of performance.

0:39:56.220 --> 0:39:57.100  
Johnson, Michaela R  
Looks like we have a.

0:39:56.80 --> 0:39:59.570  
Arthur, Dan K  
Making there's a couple of priority two questions in the chat, if you.

0:40:0.130 --> 0:40:0.740  
Johnson, Michaela R  
Thank you.

0:40:1.280 --> 0:40:1.720  
Johnson, Michaela R  
Umm.

0:40:3.380 --> 0:40:13.120  
Johnson, Michaela R  
Yes, I think that, uh, party too, that equipment, analytical equipment could be rented, you would have to provide a a quote and a justification for it.

0:40:13.890 --> 0:40:14.450  
Johnson, Michaela R  
Umm.

0:40:15.570 --> 0:40:16.420  
Johnson, Michaela R  
And then.

0:40:21.220 --> 0:40:36.660  
Johnson, Michaela R  
The second question, Maggie, I want your my want your assistance on this one, but I think you could do it initial estimate because you might not be able to acquire a finalized contractor estimate. If you were interested in in providing an estimate for equipment.

0:40:42.100 --> 0:40:42.370  
Johnson, Michaela R  
Right.

0:40:37.390 --> 0:40:42.440  
Eastman, Margaret  
Yeah. No, you don't need to finalize contract because if you had a finalized contract, you couldn't use our money to pay for it.

0:40:43.480 --> 0:40:44.790  
Johnson, Michaela R  
Right. So the.

0:40:43.260 --> 0:40:45.570  
Eastman, Margaret  
Yeah. So a quote is an estimate is fine.

0:40:46.510 --> 0:40:54.280  
Johnson, Michaela R  
Yeah. And you know, again, just to stress that all the all the either match associated with that or.

0:40:55.150 --> 0:40:55.560  
Johnson, Michaela R  
Umm.

0:40:56.520 --> 0:40:59.220  
Johnson, Michaela R  
Purchasing has to be done within the period of performance.

0:41:2.920 --> 0:41:25.370  
Johnson, Michaela R  
So next the data management plan is required. You have to use the template that's available. And we did have a change from the previous year because it was a little bit hard to squeeze within the page limit. That was part of the program announcement. So this year the page limit is really within the data management plan itself. Each activity is limited to a page section.

0:41:28.430 --> 0:41:41.720  
Johnson, Michaela R  
And I think that that should help alleviate some of the counts trying to squeeze that all into 4 pages. So hopefully that's been helpful or will be helpful for people. So it's really a brief description of what you.

0:41:43.130 --> 0:41:56.600  
Johnson, Michaela R  
Tend to preserve it for your collections. Any standards that are used for your data and metadata formats are recycle metadata schema and then if you have geospatial data it would be your FGDC metadata as well.

0:41:58.560 --> 0:42:8.110  
Johnson, Michaela R  
Any policies are for access and sharing or restrictions. If you actually do have them. Provisions for reuse, redistribution and production of derivatives.

0:42:9.90 --> 0:42:14.220  
Johnson, Michaela R  
And then plans for archiving, maintaining create public access to the preserve data.

0:42:15.100 --> 0:42:15.880  
Johnson, Michaela R  
Simple question.

0:42:22.830 --> 0:42:30.770  
Johnson, Michaela R  
And this is just the example of the data management plan with access to it and each of the fields.

0:42:31.730 --> 0:42:37.520  
Johnson, Michaela R  
We would like to see populated in. There does have a little bit of description about what what we're looking for for an example.

0:42:40.180 --> 0:42:49.480  
Johnson, Michaela R  
And then we do have separate budgets required for each of the priorities. So priority one has a separate budget seat party two and so does priority three.

0:42:50.210 --> 0:42:56.780  
Johnson, Michaela R  
Umm and party three has a limit of a cap of 50,000. On the USGS side.

0:42:58.270 --> 0:43:4.820  
Johnson, Michaela R  
And each budget sheet the state cost can exceed the federal cost, but not the other way around. We do have the.

0:43:5.770 --> 0:43:17.460  
Johnson, Michaela R  
Independent 100% state to federal match for each budget sheet that's required, but the individual line items themselves do not have to be matched. But the category totals must be.

0:43:18.420 --> 0:43:27.310  
Johnson, Michaela R  
So the party won recycle metadata up update of up to five K must have 100% match as similar to the.

0:43:28.970 --> 0:43:35.760  
Johnson, Michaela R  
Critical minerals preservation strategy in each priority total must have 100% match or greater.

0:43:38.400 --> 0:43:40.340  
Johnson, Michaela R  
Do you have questions?

0:43:42.110 --> 0:43:44.180  
Arthur, Dan K  
There's one on by American.

0:43:42.550 --> 0:43:44.360  
Johnson, Michaela R  
Umm and I.

0:43:46.850 --> 0:43:59.400  
Johnson, Michaela R  
So the by American uh applies to more construction and the steel iron, any kind of wood that would have would support that. And Maggie can probably clarify that.

0:44:0.170 --> 0:44:1.810  
Johnson, Michaela R  
A little bit better if need be.

0:44:4.730 --> 0:44:5.250  
Johnson, Michaela R  
Umm.

0:44:4.730 --> 0:44:10.620  
Eastman, Margaret  
Well, there's a disc, there's language I and I think it's. It is included in our program announcement, isn't it?

0:44:11.700 --> 0:44:12.110  
Johnson, Michaela R  
Yes.

0:44:12.330 --> 0:44:38.230  
Eastman, Margaret  
Yeah. So the the, the specific language that's required is included in the the terms and conditions. That explains exactly what they're looking for. But it it really has to do with construction. So in other words, if you're buying a camera and you're using BIL funds, that would not fall under it because that's even though there might be some, you know, metals in there that it's, it has to do with the infrastructure. So if you're building stuff.

0:44:41.200 --> 0:44:54.270  
Johnson, Michaela R  
Thank you. And we have another question. What does historical samples mean and that really means samples that you already have in house that are preserved, whether it's drill core hand samples?

0:44:54.750 --> 0:45:3.940  
Johnson, Michaela R  
Umm. Things have been previously collected or are in your facility that would not require you to go out and collect new samples.

0:45:6.460 --> 0:45:13.670  
Johnson, Michaela R  
It doesn't mean it has to be 50 years ago that the collection was or the the sample was collected, but it should be already in house and preserved.

0:45:16.370 --> 0:45:18.850  
Johnson, Michaela R  
Hopefully that helps on that one.

0:45:24.240 --> 0:45:30.310  
Johnson, Michaela R  
So regarding the question on project budgets, so each prior.

0:45:33.70 --> 0:45:38.360  
Johnson, Michaela R  
Each probably and then it has to be clear if if there is a multi year project.

0:45:39.0 --> 0:45:54.350  
Johnson, Michaela R  
Umm, you have to. You have to make it clear what what components are of part of your budget per year. So priority one, if you have two or three years you're proposing, you would have to make it clear what you're planning on funding or supporting each of the years.

0:46:1.50 --> 0:46:1.460  
Johnson, Michaela R  
OK.

0:46:3.160 --> 0:46:8.150  
Johnson, Michaela R  
Keep running away with questions if you have anymore, I'll I'll take one before I go to the next slide.

0:46:9.310 --> 0:46:9.840  
Johnson, Michaela R  
And.

0:46:11.550 --> 0:46:33.800  
Johnson, Michaela R  
But so we do have a change in our proposal review process this year. So typically we've only had one panel that reviews everything. But with our new activities and new focus, we thought it would be better to have two panels. So we have panel a that will review priority one and priority three and Panel B, the review party too.

0:46:35.570 --> 0:46:38.330  
Johnson, Michaela R  
To really be able to kind of focus the expertise.

0:46:39.240 --> 0:46:48.20  
Johnson, Michaela R  
So panel a will have 7 panel members possessing expertise in physical scientists, sciences, data management and are press.

0:46:48.810 --> 0:46:53.910  
Johnson, Michaela R  
Reservation. The membership is comprised of three Geological Survey representatives for USGS.

0:46:55.150 --> 0:47:15.130  
Johnson, Michaela R  
Representatives and one federal or academic non USGS representative and then for panel be a priority two there will be 3 panel members possessing expertise in digital architecture and physical infrastructure to state Geological Survey representative is and one usds comprised that panel.

0:47:15.990 --> 0:47:21.850  
Johnson, Michaela R  
And the panelist remain, they maintain confidentiality and declare your all conflicts of interest ahead of.

0:47:22.720 --> 0:47:23.700  
Johnson, Michaela R  
Driving on the panel.

0:47:28.450 --> 0:47:30.560  
Johnson, Michaela R  
The proposals are evaluated by.

0:47:32.80 --> 0:47:41.760  
Johnson, Michaela R  
For evaluation criteria, technical merit, societal benefits, knowledge, performance and experience of the project, team and appropriateness, and.

0:47:45.590 --> 0:48:2.80  
Johnson, Michaela R  
Budgets aren't, and none of the you know the each proposal is evaluated independently so that it's not compared if budgetwise, they're all independent, and that these criteria are equally weighted. So the technical merit is just as important as the societal benefit.

0:48:4.40 --> 0:48:4.330  
Johnson, Michaela R  
That's.

0:48:4.10 --> 0:48:4.580  
Powers, Lindsay A  
Mickey.

0:48:7.40 --> 0:48:7.310  
Johnson, Michaela R  
Yep.

0:48:5.920 --> 0:48:10.190  
Powers, Lindsay A  
At least for me, you're kind of coming in and out. You might wanna turn off your video.

0:48:12.110 --> 0:48:13.390  
Johnson, Michaela R  
OK, one second.

0:48:24.780 --> 0:48:26.150  
Johnson, Michaela R  
Alright. Is that a little bit better?

0:48:26.830 --> 0:48:28.150  
Powers, Lindsay A  
Yeah, it sounds better. Thanks.

0:48:29.80 --> 0:48:31.830  
Johnson, Michaela R  
Yep. Thanks for letting me know.

0:48:34.170 --> 0:48:38.40  
Johnson, Michaela R  
Do I need to go over anything again or is it fine? People probably read the screen?

0:48:38.520 --> 0:48:39.740  
Powers, Lindsay A  
Yeah, I think you're OK.

0:48:41.10 --> 0:48:41.290  
Johnson, Michaela R  
OK.

0:48:42.530 --> 0:48:44.560  
Johnson, Michaela R  
Just let us know if you let me know if you have questions.

0:48:45.100 --> 0:48:46.860  
Johnson, Michaela R  
Umm. And and then.

0:48:47.620 --> 0:48:54.290  
Johnson, Michaela R  
Some tips for successful proposals. The last time Harvey provided some some good clear distinct.

0:48:54.760 --> 0:48:57.830  
Johnson, Michaela R  
Umm, suggestions and I think those.

0:48:59.300 --> 0:48:59.650  
Johnson, Michaela R  
Or.

0:49:0.740 --> 0:49:6.720  
Johnson, Michaela R  
Does Rosie, if he wants to weigh in again but really be specific, make sure you you clearly say.

0:49:8.40 --> 0:49:10.670  
Johnson, Michaela R  
What you're proposing to work on, how it relates to.

0:49:11.600 --> 0:49:14.560  
Johnson, Michaela R  
Your your future goals, what you've accomplished.

0:49:16.850 --> 0:49:21.890  
Johnson, Michaela R  
And that you understand the activities that you're proposing and how they can be accomplished?

0:49:23.600 --> 0:49:30.250  
Johnson, Michaela R  
So clearly identify the issues to be addressed. Is it possible to address and the time proposed? Hopefully you know with the.

0:49:31.10 --> 0:49:32.170  
Johnson, Michaela R  
The capacity to.

0:49:32.830 --> 0:49:44.270  
Johnson, Michaela R  
Request up to the 36 months this year that that could help things out and is it? Is it envisioned as part of a multi award effort. So being clear if you if this.

0:49:44.940 --> 0:50:11.30  
Johnson, Michaela R  
If this activity preservation you preserve something, it sets the stage for another planned activity that you would be interested in working on. Again. It's subject to a panel review, but communicating your plans and efforts and in future goals is important. So also provide clear justifications for the proposed work. Why is it important? Who will see the results? How does it meet your survey goals?

0:50:12.560 --> 0:50:42.60  
Johnson, Michaela R  
And then summarize previous founded tasks when related to the current proposal, especially if it informs workflows, methods and are level of effort and the panels that you change from year to year and they do have 35 proposals typically on average that they review so many times. We the panelists don't have a good history of the background of what has happened previously. So that's good to tie in.

0:50:42.400 --> 0:50:50.80  
Johnson, Michaela R  
Wherever you've been and where you're going in corporate feedback provided by previous panel reviews as this pretty relevant.

0:50:51.340 --> 0:50:52.770  
Johnson, Michaela R  
Or as it as it fits yours.

0:50:54.320 --> 0:51:2.570  
Johnson, Michaela R  
And clearly describe the qualifications and expertise to the primary participants. Describe your methodologies and workflows with.

0:51:2.650 --> 0:51:8.480  
Johnson, Michaela R  
Uh, appropriate personnel, expertise, time estimates, and Q QC procedures.

0:51:10.10 --> 0:51:20.380  
Johnson, Michaela R  
And show that you understand the level of effort to complete the tasks through previous work or pilot projects, even if it's a really small pilot project. Just to understand how.

0:51:21.90 --> 0:51:26.70  
Johnson, Michaela R  
How long it takes to preserve a well log or a map or something like that?

0:51:27.890 --> 0:51:33.0  
Johnson, Michaela R  
Or a representative example, follow recommended practices and reference them if available.

0:51:34.240 --> 0:51:37.750  
Johnson, Michaela R  
Describe how the project improves access to data and are the preserved.

0:51:38.450 --> 0:51:47.720  
Johnson, Michaela R  
Material and then tie to the long term preservation strategy, whether it was for your data preservation strategy or if you have a new critical minerals.

0:51:49.90 --> 0:51:50.300  
Johnson, Michaela R  
Strategy in place.

0:51:52.190 --> 0:51:53.940  
Johnson, Michaela R  
And if you do propose for an.

0:51:54.640 --> 0:51:59.120  
Johnson, Michaela R  
Your critical minerals started to make sure that the work is distinct from.

0:52:0.640 --> 0:52:2.210  
Johnson, Michaela R  
This year's proposal.

0:52:3.460 --> 0:52:12.860  
Johnson, Michaela R  
Provide a clear data management plan, including where the data resources, data or resources will be archived and how they are accessed, and then verify that the federal share.

0:52:16.880 --> 0:52:17.410  
Johnson, Michaela R  
As one.

0:52:20.970 --> 0:52:28.300  
Johnson, Michaela R  
We are legally bound that if if the state chair is a penny less than the federal share, we we can't support that activity.

0:52:29.220 --> 0:52:35.60  
Johnson, Michaela R  
Umm, so it has to be at least equal or the state side greater.

0:52:39.740 --> 0:52:42.710  
Johnson, Michaela R  
Let's see. And then some of the project deliverables.

0:52:44.90 --> 0:52:53.0  
Johnson, Michaela R  
Requirements collection level metadata has to be entered and updated in recycle the item level. Metadata must be also entered and updated and recycle.

0:52:54.690 --> 0:52:55.120  
Johnson, Michaela R  
Umm.

0:52:56.210 --> 0:52:56.400  
Johnson, Michaela R  
If.

0:52:57.220 --> 0:52:59.410  
Johnson, Michaela R  
If you do show data sets shape files.

0:53:1.190 --> 0:53:14.710  
Johnson, Michaela R  
Things like that, they should be in an open format and they must be described now with FGDC metadata. This is similar. I mean this is always been an activity that's been required for gems. Now it's just additionally required if there are any other geospatial data sets.

0:53:15.270 --> 0:53:20.700  
Johnson, Michaela R  
Borhan Formation is compiled in the template and applied it uploaded to recycle.

0:53:22.120 --> 0:53:24.480  
Johnson, Michaela R  
In critical mineral information for deposit.

0:53:26.210 --> 0:53:36.270  
Johnson, Michaela R  
Districts are also populated in the templates and uploaded to recycle and dims. Products are submitted to the national geologic map database. Connect the new portal.

0:53:37.320 --> 0:53:40.880  
Johnson, Michaela R  
Umm. And just when you're doing that, make sure you have your award number handy. That could be.

0:53:44.790 --> 0:53:46.730  
Johnson, Michaela R  
Tripping hazard if you don't have that in place.

0:53:48.90 --> 0:53:54.880  
Johnson, Michaela R  
It's when you and then the final technical report should be less than 5 pages with a project image and a success.

0:53:57.400 --> 0:54:0.530  
Johnson, Michaela R  
And we do have an optional final technical report template available.

0:54:2.650 --> 0:54:8.520  
Johnson, Michaela R  
Do require the use of or following the geologic map schema and the information is available on their website.

0:54:9.510 --> 0:54:9.930  
Johnson, Michaela R  
Umm.

0:54:12.640 --> 0:54:20.410  
Johnson, Michaela R  
Our data preservation links and activities are available on our home site. Information about our grants and tips and examples are available there as well.

0:54:22.370 --> 0:54:38.530  
Johnson, Michaela R  
Umm OK what I was saying. So there's grant templates. It has all the attachments there, including the data management plan that also provided there are this presentation, previous year's presentations and some other examples.

0:54:42.400 --> 0:54:48.530  
Johnson, Michaela R  
And recycle if you haven't seen it yet, is the registry of scientific collections it it?

0:54:49.980 --> 0:54:54.990  
Johnson, Michaela R  
It's our our new national digital catalog. It's rebranding.

0:54:55.780 --> 0:55:5.740  
Johnson, Michaela R  
Umm it we've successfully established a Mongo database and API that power the map. We do have a new recycle map data.

0:55:6.840 --> 0:55:23.240  
Johnson, Michaela R  
We love your feedback. If you see some things you'd like to have changed or added or incorporated, it does not have the item level metadata fully included yet, so that's still in the works and it's not complete. So it does say beta for a reason.

0:55:24.680 --> 0:55:31.400  
Johnson, Michaela R  
And then we also have a a new recycle website, so it provides dentalized access to the map.

0:55:31.950 --> 0:55:46.350  
Johnson, Michaela R  
A inventory catalog of all the collections and then collection management resources, which includes guidance on populating your error metadata and where to go to submit it and it will be updated as the new tools are developed.

0:55:47.270 --> 0:55:52.240  
Johnson, Michaela R  
And and we do have draft recycle documentation, profiles, links to those.

0:55:53.840 --> 0:55:55.720  
Johnson, Michaela R  
And thanks to that is also provided.

0:55:56.520 --> 0:55:57.850  
Johnson, Michaela R  
And in the program announcement.

0:55:59.480 --> 0:56:6.770  
Johnson, Michaela R  
We are working with the Oklahoma Texas Water Science Center. They're integrated hydrology and data sciences branch on this development.

0:56:8.90 --> 0:56:24.740  
Johnson, Michaela R  
And then the next things that we're working on are collections, documentation and MD editor. We do have draft profiles and MD editor is an open source community tool that's been developed for documentation of metadata, including project level. And it's a little.

0:56:24.830 --> 0:56:55.40  
Johnson, Michaela R  
Customizable. So we're we're working on this piece of it. It's a nice collaborative collaborative effort. Also part of that we'll be working on embedded controlled vocabularies and MD editor where we've had you add keywords in the past. It kind of find them, copy and paste them in and we're really looking forward just to pick list that use your profile has domain specific vocabulary and you just select what you need and and move on. We're also working on an items level ingest tool.

0:56:55.290 --> 0:57:26.850  
Johnson, Michaela R  
So that will also have good feet feedback to you like record 89 has an error and you should fix it versus what we've had in the past where you just e-mail us and we have to do some digging to figure out what the issue is. So we're trying to improve our communications on that. We'll also be doing some guidance and training. Dan will likely be working on leading those efforts and connecting with you and we introduced him earlier. And then we'll also be doing of course.

0:57:26.960 --> 0:57:31.970  
Johnson, Michaela R  
Dates to recycle map moving it from beta to just recycle map.

0:57:35.480 --> 0:57:36.740  
Johnson, Michaela R  
Currently we.

0:57:37.500 --> 0:57:43.590  
Johnson, Michaela R  
Still need to be using if this looks a lot like the NDC dashboard because it it it is, it's just rebranded to.

0:57:44.590 --> 0:57:46.610  
Johnson, Michaela R  
Recycled dashboard use your same.

0:57:48.570 --> 0:57:51.140  
Johnson, Michaela R  
That you previously used on the national digital catalog.

0:57:52.140 --> 0:57:55.200  
Johnson, Michaela R  
And this is where you go to create or update your collections.

0:57:56.910 --> 0:58:3.240  
Johnson, Michaela R  
The the change is for the item level metadata. It's no longer able to be updated in the recycled dashboard.

0:58:6.560 --> 0:58:16.390  
Johnson, Michaela R  
Actually Umm, on recycle on science space. So once you've created your collection on science space you go to the login using the same credentials used and recycled.

0:58:20.810 --> 0:58:21.620  
Johnson, Michaela R  
That that.

0:58:23.720 --> 0:58:36.150  
Johnson, Michaela R  
Or you go to manage and edit item and then you upload the the main changes. It won't be creating the individual pages of each successive.

0:58:37.600 --> 0:58:47.270  
Johnson, Michaela R  
Item level metadata, but it will store your item level metadata with your collection and we'll be using that moving forward to.

0:58:48.600 --> 0:58:49.540  
Johnson, Michaela R  
Populate your cycle.

0:58:52.970 --> 0:59:7.280  
Johnson, Michaela R  
And I think any questions that you have for communications request, we need to route all of our questions through Maggie Eastman and then CC Lindsey and myself. And we'll work on getting things answered for you.

0:59:8.890 --> 0:59:19.500  
Johnson, Michaela R  
And with that, thank you all. I'll take additional questions, but I'm just kind of providing our contact information for now and I'll stop sharing my screen so I can see all of you.

0:59:21.660 --> 0:59:22.550  
Johnson, Michaela R  
You have questions?

0:59:23.850 --> 0:59:25.460  
Johnson, Michaela R  
Or show myself again.

0:59:33.490 --> 0:59:35.40  
Powers, Lindsay A  
Looks like Heather has a question.

0:59:36.710 --> 0:59:37.320  
Johnson, Michaela R  
All right.

0:59:36.670 --> 0:59:42.850  
Heather Quinn (Guest)  
Well, unfortunately I can't use the chat, it's registered as a guest, so I'm just verbally.

0:59:43.10 --> 0:59:43.430  
Johnson, Michaela R  
OK.

0:59:50.730 --> 0:59:51.120  
Johnson, Michaela R  
Mm-hmm.

0:59:44.330 --> 0:59:55.510  
Heather Quinn (Guest)  
You were breaking up in that last part about how to reload the item level metadata, so it's just the tape does get loaded, it just doesn't populate something. Is that what you were getting at?

0:59:55.320 --> 1:0:21.150  
Johnson, Michaela R  
Oh yeah. Yep. So the collection when you used to to load the item level metadata from the NDT dashboard, it would go through an and you'd have a page in recycle on science based for each of the items. It won't do that anymore, but you will be able to just submit that file itself. The file has all the information and then we'll be pulling that information moving forward into our MongoDB.

1:0:22.200 --> 1:0:23.490  
Johnson, Michaela R  
Umm and I can't share.

1:0:24.200 --> 1:0:26.140  
Johnson, Michaela R  
Kind of a demo of where we're going.

1:0:26.920 --> 1:0:32.420  
Johnson, Michaela R  
With the recycle, but it's a little detailed and might be a little geeky for our our scene, but.

1:0:34.180 --> 1:0:37.810  
Johnson, Michaela R  
In the future, we're we're just really looking at the collections.

1:0:39.10 --> 1:0:45.900  
Johnson, Michaela R  
And the items being stored on science based the recycle on science spaces are archive and repository and then.

1:0:48.710 --> 1:0:56.620  
Johnson, Michaela R  
Our MongoDB is self, so we'll have a API and database in the background that does store all of our.

1:0:59.80 --> 1:1:2.610  
Johnson, Michaela R  
The collections and item level metadata for a little bit more.

1:1:4.270 --> 1:1:8.720  
Johnson, Michaela R  
I told you it was kind of busy. I didn't share my screen. Sorry. Let's do that.

1:1:12.610 --> 1:1:12.960  
Johnson, Michaela R  
So.

1:1:13.890 --> 1:1:21.700  
Johnson, Michaela R  
This is kind of where we're headed it it. It is busy. We'll do more. More description of this and we'll definitely talk about it at the upcoming.

1:1:21.780 --> 1:1:34.950  
Johnson, Michaela R  
Umm that are data preservation workshop. But currently when moving forward we'll have collections documented in MD editor using custom profiles that will set-up for you.

1:1:35.840 --> 1:1:41.50  
Johnson, Michaela R  
Uh, your log in and user management and still manage through your same sign space login.

1:1:42.170 --> 1:1:48.740  
Johnson, Michaela R  
And then items will have a separate ingest tool which also provides much better feedback to you all. If there are any issues with your files.

1:1:49.950 --> 1:1:58.620  
Johnson, Michaela R  
Umm, the collections and the items of the files themselves will feed into science based recycled collections. It'll just be stored there.

1:2:0.400 --> 1:2:1.830  
Johnson, Michaela R  
And then the.

1:2:3.50 --> 1:2:33.0  
Johnson, Michaela R  
The items themselves will be ingested into are are recycle MongoDB that powers our API and we're able to do searches and queries on the on the map and provide also access. We would be able to push those out to other metadata catalogs. We will have a switch and what we're looking at. It shouldn't be anything that you'll see on your end, but the file attachments we're looking at. Instead of storing individually with each item on science space, they be stored in linked from.

1:2:33.400 --> 1:2:34.890  
Johnson, Michaela R  
An Amazon S3 bucket.

1:2:35.930 --> 1:2:41.270  
Johnson, Michaela R  
So we're trying to move towards cloud activities and then we'll also be doing support for.

1:2:41.690 --> 1:2:45.570  
Johnson, Michaela R  
Umm, I think it's not PR tool, it's AIS tool for.

1:2:46.60 --> 1:2:54.40  
Johnson, Michaela R  
And the identifier management or system service, and so that will be supporting some of our persistent identifier tool.

1:2:55.920 --> 1:3:1.80  
Johnson, Michaela R  
Like the Digital object identifier, igns orchids and the register.

1:3:2.520 --> 1:3:15.190  
Johnson, Michaela R  
Uh registry of organizations. I can't remember what our ROR is. Sorry about that, but that's kind of where we're looking at moving forward, so stop sharing.

1:3:16.110 --> 1:3:17.20  
Johnson, Michaela R  
Just a review.

1:3:17.770 --> 1:3:20.300  
Johnson, Michaela R  
And if anybody has questions.

1:3:25.0 --> 1:3:27.520  
Johnson, Michaela R  
Uh, yes. So the the types.

1:3:33.20 --> 1:3:39.330  
Johnson, Michaela R  
And it's CSV we will be looking at moving towards just CSV or an Excel file in the item level.

1:3:43.620 --> 1:3:48.490  
Johnson, Michaela R  
Metadata and we modify the workflows to be able to simplify that activity.

1:3:54.360 --> 1:3:56.650  
Johnson, Michaela R  
Ohh, when I see another question so.

1:4:1.250 --> 1:4:11.980  
Johnson, Michaela R  
So yes, you can have your publicly available site, so let's see. See you use RCS online online services to publish your your data.

1:4:14.210 --> 1:4:16.960  
Johnson, Michaela R  
Document the collection in recycle, but you'd be.

1:4:17.770 --> 1:4:18.840  
Johnson, Michaela R  
Able to provide access.

1:4:20.890 --> 1:4:25.400  
Johnson, Michaela R  
To your collection from there, and you probably have to do the item.

1:4:27.760 --> 1:4:28.470  
Johnson, Michaela R  
Complemented it.

1:4:31.510 --> 1:4:33.410  
Johnson, Michaela R  
And then I'll output from analytical.

1:4:34.230 --> 1:4:41.790  
Johnson, Michaela R  
Equipment must be it should be accessible from recycle. You don't necessarily need to provide the an.

1:4:42.410 --> 1:4:51.470  
Johnson, Michaela R  
Provide the data itself in recycle, but make sure that the access through the collection or the items is available from the recycle side, even if it's in your own repository.

1:4:57.290 --> 1:4:59.60  
Johnson, Michaela R  
And the borehole template.

1:5:0.160 --> 1:5:14.950  
Johnson, Michaela R  
So there was also a question about the subsurface resource activities. Is the borehole template with the Excel file, is that sufficient for the item level blended data? If you document the collection and you upload that borehole template, that's sufficient.

1:5:15.830 --> 1:5:17.90  
Johnson, Michaela R  
Umm. And then.

1:5:19.30 --> 1:5:25.250  
Johnson, Michaela R  
I don't know if I can share the recording of the webinar, but I will for sure share the the presentation itself.

1:5:26.270 --> 1:5:26.850  
Johnson, Michaela R  
Umm.

1:5:29.560 --> 1:5:35.840  
Johnson, Michaela R  
And then Christopher, are you are you able to come on to answer a question or to ask a question? Otherwise we can have.

1:5:36.610 --> 1:5:36.980  
Johnson, Michaela R  
Umm.

1:5:39.500 --> 1:5:43.550  
Johnson, Michaela R  
Just to elaborate your question a little bit more or we can have it offline after this as well.

1:5:44.440 --> 1:5:45.440  
Johnson, Michaela R  
Just as a follow up.

1:5:50.880 --> 1:5:53.150  
Johnson, Michaela R  
But I I will share a recording if if I can.

1:5:59.30 --> 1:5:59.890  
Johnson, Michaela R  
I have Harry.

1:6:1.250 --> 1:6:9.500  
Harvey (Guest)  
Yeah, Mickey. Sorry, I can't see the chat somehow, but may I please go back to the question of the priority three geochemical analysis.

1:6:10.680 --> 1:6:11.190  
Johnson, Michaela R  
Yep.

1:6:11.960 --> 1:6:13.250  
Harvey (Guest)  
So first I wanna say.

1:6:12.100 --> 1:6:13.280  
Johnson, Michaela R  
Certainly you want me to.

1:6:13.880 --> 1:6:14.300  
Harvey (Guest)  
Go ahead.

1:6:15.650 --> 1:6:19.390  
Johnson, Michaela R  
Do you need a screen share or anything for that one or just topic?

1:6:18.260 --> 1:6:29.300  
Harvey (Guest)  
Ohh no, I don't think so. So first I wanna just say how happy we are. I mean you folks are doing a wonderful job. So this is all so clear and so pleasing and everything is going very well.

1:6:30.500 --> 1:6:59.150  
Harvey (Guest)  
And I don't wanna drive you too crazy by asking about the priority three geochemical analysis, but I I I don't remember exactly what has been said, but I have the impression this is about rocks. This is about litho geochemistry. I mean, I'm a big believer in, for example, low density soil, geochemical reconnaissance, where you can just go out and collect samples on a grid. But that's sort of done. And I don't think that's what it's intended here. So I don't think that.

1:6:59.390 --> 1:7:16.980  
Harvey (Guest)  
You are seeking so that your chemistry or lake sediments or stream sediments. We're talking about rocks. And so when you analyze something like 200 rocks for lithodora chemistry, I think normally you would be doing that to answer a research question.

1:7:17.630 --> 1:7:43.860  
Harvey (Guest)  
As part of a research project or you would be better characterizing rocks so that you can properly categorize them in a geological map. And so we we're not necessarily poised to just go off to the repository and pick out 200 rocks without having a larger project by which those rocks have been selected and.

1:7:44.750 --> 1:7:46.700  
Harvey (Guest)  
So maybe I should just stop, but.

1:7:49.190 --> 1:7:49.390  
Johnson, Michaela R  
So.

1:7:47.840 --> 1:7:50.870  
Harvey (Guest)  
You see, I'm just trying to figure out how to think about this.

1:7:52.790 --> 1:7:57.680  
Johnson, Michaela R  
We wouldn't necessarily be just limiting to brocks like if if there's.

1:7:58.630 --> 1:8:6.420  
Johnson, Michaela R  
Soiled your chemistry, but you can still apply. You submit samples via that same analysis, analytical method and.

1:8:7.380 --> 1:8:38.530  
Johnson, Michaela R  
At a profess to be an expert on this. But we're not just limiting to to rocks if it's, it's if it's something that's been captured previously. Some of the idea is to let's say people think this collection that's been sitting around or was maybe you did a previous grid and it did have potential for critical minerals analysis but you didn't have the phones or you didn't submit it for that or the analytical methods have improved over time. So now what you weren't able to capture in the past?

1:8:38.630 --> 1:8:44.720  
Johnson, Michaela R  
We are able to better characterize with new methods, so it could be reanalysis of samples you've already submitted.

1:8:45.350 --> 1:9:0.730  
Johnson, Michaela R  
And and and it it does get a little tricky tying it to research, but if you have you know if you have research that you're working on that it's looking at that would benefit by having these samples reanalyzed or analyzed.

1:9:1.530 --> 1:9:8.400  
Johnson, Michaela R  
Looking at critical minerals, if you have drill core that you think you know, if you're doing a 3D3D model and and you.

1:9:9.700 --> 1:9:14.540  
Johnson, Michaela R  
It would benefit your, your team or some MRI or a stakeholder to have.

1:9:15.270 --> 1:9:21.770  
Johnson, Michaela R  
A critical mineral analysis done on cuttings from your drill core that would that would definitely be a.

1:9:22.560 --> 1:9:23.950  
Johnson, Michaela R  
Supported activity so.

1:9:25.160 --> 1:9:34.170  
Johnson, Michaela R  
And I can't say exactly how to to. Certainly, I can't say exactly how to select those, but it we you know, if you can justify and have a little.

1:9:36.210 --> 1:9:39.110  
Johnson, Michaela R  
And justify why you need those samples analyzed. We.

1:9:39.960 --> 1:9:44.290  
Johnson, Michaela R  
I think that's what what's what's what's needed there? Hi, John.

1:9:43.90 --> 1:9:45.620  
Harvey (Guest)  
OK. Yeah. Yeah. OK, go ahead.

1:9:46.230 --> 1:9:46.430  
John A. Yellich  
And.

1:9:46.330 --> 1:9:47.500  
Johnson, Michaela R  
Thanks, Harvey. Good question.

1:9:47.770 --> 1:9:48.0  
Harvey (Guest)  
OK.

1:9:48.970 --> 1:10:18.820  
John A. Yellich  
Harvey, I I saw this is a real asset, particularly for people who have core repositories that you have samples that have been there and that people needed to have money to do it either students or other things for research. What we're looking at now is that we could have a multitude of tasks, excuse me, a multitude of focus that we would have geologically in our state. How can this analysis help us to get us in the right direction and it may not be a whole suite. It could be a small suite. And and I I hate to try and tag the NDP.

1:10:18.900 --> 1:10:51.450  
John A. Yellich  
Group is saying we have to have something, but they just said the samples already collected and you want chemical analysis for something. You internally need to make that decision. Then you go ahead and you make the proposal. And I'm from my view, I don't think that they're gonna turn it down. You've already got the samples. You said why you wanna have them. And it could be for two tasks, three different tasks geologically that you want them for and it doesn't have to be critical minerals either in the state, but it happens to be one of the things that the mailing topic right now that we have that's that's my idea. That's where I saw it and and you've got a core repository as big or bigger than one I've got.

1:10:51.500 --> 1:10:58.780  
John A. Yellich  
Here in Michigan and you just need to talk to the people and say, where do you want chemical analysis? And that's what you're gonna submit? That's my thought.

1:11:3.230 --> 1:11:3.820  
Johnson, Michaela R  
It's John.

1:11:5.360 --> 1:11:15.760  
Johnson, Michaela R  
And then there's also question about is there a sample size specified so we don't have a sample size specified in the program announcement and those are details that you might be able to get through.

1:11:15.900 --> 1:11:20.70  
Johnson, Michaela R  
Like some of the samples submittal guidance through.

1:11:21.310 --> 1:11:33.500  
Johnson, Michaela R  
Jamie's group or or Warren might be able to provide additional feedback on that. We won't need to, you know, know the sample size for the for your proposal, but well, you're planning and thinking about what you should be submitting.

1:11:34.720 --> 1:11:38.800  
Johnson, Michaela R  
Kind of making those connections to see to see that detail will be important.

1:11:39.990 --> 1:11:40.380  
Johnson, Michaela R  
Umm.

1:11:45.90 --> 1:11:47.390  
Johnson, Michaela R  
Any other questions? I was kind of looking through.

1:11:48.140 --> 1:11:51.50  
Johnson, Michaela R  
To see if there is any other questions that we had in the address.

1:12:6.640 --> 1:12:8.850  
Johnson, Michaela R  
Well, I hope question.

1:12:13.580 --> 1:12:13.960  
Johnson, Michaela R  
OK.

1:12:10.410 --> 1:12:15.20  
Arthur, Dan K  
There's one on item level metadata that I would answer, but I haven't quite gotten there yet.

1:12:16.710 --> 1:12:18.520  
Johnson, Michaela R  
I think that one I have.

1:12:19.800 --> 1:12:24.420  
Johnson, Michaela R  
I think Chris Topher responded, and we'd probably addressed that offline.

1:12:28.250 --> 1:12:29.500  
Johnson, Michaela R  
And I think it had to do with.

1:12:30.850 --> 1:12:32.900  
Johnson, Michaela R  
People that have developed scripts.

1:12:33.300 --> 1:12:47.330  
Johnson, Michaela R  
Umm. And we're written specifically for the previous, whether it's XML or CSV. What we're gonna try and look and see if we can handle XML on the new item level metadata ingest. But we certainly will be moving away from the ping.

1:12:48.150 --> 1:12:51.680  
Johnson, Michaela R  
Mostly painful for people. Pipe delimited CSV.

1:13:10.880 --> 1:13:15.140  
Johnson, Michaela R  
And I think there was a previous question about if you're planning to submitting.

1:13:16.700 --> 1:13:27.370  
Johnson, Michaela R  
It's the only thing you're doing under priorities for you is planning to submit to you chemical samples and you're not proposing any hours associated with that, but you wouldn't need to.

1:13:29.440 --> 1:13:35.450  
Johnson, Michaela R  
Provide a separate budget for that you, but you would have to describe your activities and what you were proposing.

1:13:40.110 --> 1:13:48.60  
Johnson, Michaela R  
So it would be only in the instance that you were not proposing any work on any hours or requesting any hours or match on your side to support that.

1:13:49.160 --> 1:13:56.350  
Johnson, Michaela R  
And it would just be for that instance. If you had other activities associated with priority three and for sure priority three needs a separate budget.

1:14:1.160 --> 1:14:4.820  
Eastman, Margaret  
If there's any cost at all associated with it, you have to address it.

1:14:6.420 --> 1:14:6.900  
Johnson, Michaela R  
Yeah.

1:14:8.50 --> 1:14:11.860  
Johnson, Michaela R  
And then there was a question on the submitting.

1:14:13.340 --> 1:14:28.930  
Johnson, Michaela R  
Metadata in recycle. Yes, it is a two stage process and it kind of was before it just was in all within recycle dashboard. Now the collection is established and recycled dashboard and then the item level metadata is submitted.

1:14:29.770 --> 1:14:30.190  
Johnson, Michaela R  
Umm.

1:14:31.30 --> 1:14:37.560  
Johnson, Michaela R  
Directly within the collection that was created and recycle and science space moving forward we will have collection.

1:14:38.10 --> 1:14:43.880  
Johnson, Michaela R  
Umm, the level metadata documented in the editor and we also have a separate item level ingest.

1:15:1.730 --> 1:15:8.690  
Johnson, Michaela R  
Feel free if you have additional questions to keep firing them. We will be doing two additional.

1:15:10.250 --> 1:15:16.460  
Johnson, Michaela R  
Office hours that are coming up, I think you've all been invited to those, so you know, between now and then, think of your questions.

1:15:18.50 --> 1:15:20.400  
Johnson, Michaela R  
Will be turned in address those then as well.

1:15:29.620 --> 1:15:36.70  
Johnson, Michaela R  
Thank you for your good questions and suggestions. Always are taken to help us improve our process and.

1:15:36.930 --> 1:15:42.470  
Johnson, Michaela R  
And be clear, in our communications with you. So we we do appreciate any feedback you guys have and.

1:15:43.570 --> 1:15:45.870  
Johnson, Michaela R  
Truly appreciate working with you all.

1:15:47.840 --> 1:16:4.910  
Johnson, Michaela R  
Umm. And we're very excited about what we're able to propose this year or what we were able to support this year through the bipartisan infrastructure law in our regular appropriated funding. So we look forward to continuing working with you and please reach out if you have any questions.

1:16:5.660 --> 1:16:7.610  
Johnson, Michaela R  
If it's on the program announcement, please do route.

1:16:8.760 --> 1:16:14.10  
Johnson, Michaela R  
1st through make the Eastman and CC Lindsey myself.

1:16:14.870 --> 1:16:25.60  
Johnson, Michaela R  
And if we if I don't see any other questions, I'll probably close out the meeting for today. But appreciate you all being here and asking such good questions.

1:16:32.350 --> 1:16:35.150  
Johnson, Michaela R  
Thank you all. Until next time, take care, you see.